
Sag

Titel: ANFR EMF-workshop, Paris, 22/5 2024
Sagsnummer: 02-1201-129

Dokumenter

Aktnr.	Doknr.	Titel	Brevdato	Type
24	13510867	Endelig rapport fra workshop + link til præsentationer (1)	06-06-2024	I, Indgående
0	13510868	2024-05-22 Workshop exposure to the public_engl_VF	06-06-2024	I, Indgående
23	13450791	Orientering af SIK (1)	29-05-2024	U, Udgående
0	13450792	2024-05-22 Workshop exposure to the public_engl	29-05-2024	U, Udgående
22	13450769	Orientering af SDFI (1)	29-05-2024	U, Udgående
0	13450770	2024-05-22 Workshop exposure to the public_engl	29-05-2024	U, Udgående
21	13450700	RE: 22nd may International EMF exposure workshop organised by ANFR (1)	28-05-2024	I, Indgående
0	13450701	2024-05-22 Workshop exposure to the public_engl	28-05-2024	I, Indgående
20	13357270	Orientering af SIK og invitation til deltagelse via Webex (4)	16-05-2024	U, Udgående
0	13357271	2024 Agenda International Workshop on EMF exposure for administrations	16-05-2024	U, Udgående
0	13357272	ANFR_access and maps	16-05-2024	U, Udgående
0	13357273	ANFR is inviting you to a scheduled Webex meeting	16-05-2024	U, Udgående
0	13357274	2024 EMF Exposure workshop List of participants	16-05-2024	U, Udgående
19	13341013	Præsentation opdateret med SDFIs kommentarer (1)	15-05-2024	U, Udgående
0	13341014	Regulation of EMF exposure in Denmark	15-05-2024	U, Udgående

18	13339950	Udkast til præsentation om politikker, gennemsigtighed og kommunikation om EMF i DK (1)	15-05-2024	U, Udgående
0	13339952	Regulation of EMF exposure in Denmark	15-05-2024	U, Udgående
17	13328812	Orientering af SDFI om dagsorden m.v. for EMF-workshoppen (4)	14-05-2024	U, Udgående
0	13328813	2024 Agenda International Workshop on EMF exposure for administrations	14-05-2024	U, Udgående
0	13328814	ANFR_access and maps	14-05-2024	U, Udgående
0	13328815	ANFR is inviting you to a scheduled Webex meeting	14-05-2024	U, Udgående
0	13328816	2024 EMF Exposure workshop List of participants	14-05-2024	U, Udgående
16	13328641	Opdateret dagsorden m.v. (4)	14-05-2024	I, Indgående
0	13328643	2024 Agenda International Workshop on EMF exposure for administrations	14-05-2024	I, Indgående
0	13328644	ANFR_access and maps	14-05-2024	I, Indgående
0	13328645	ANFR is inviting you to a scheduled Webex meeting	14-05-2024	I, Indgående
0	13328646	2024 EMF Exposure workshop List of participants	14-05-2024	I, Indgående
15	13314962	GR deltager også	09-05-2024	I, Indgående
14	13136621	Vil gerne give kort præsentation om national politik m.v. i DK	17-04-2024	U, Udgående
13	13136527	SSM, STUK og SIS ankommer alle d. 21.	17-04-2024	U, Udgående
12	13133729	SSM deltager i workshoppen	17-04-2024	I, Indgående
11	13133718	DSA deltager ikke i workshoppen	17-04-2024	I, Indgående

10	13133615	Praktiske oplysninger vedr. workshop (2)	17-04-2024	I, Indgående
0	13133616	ANFR_access and maps	17-04-2024	I, Indgående
0	13133617	ANFR_hotels	17-04-2024	I, Indgående
9	13063547	Draft agenda fra ANFR (1)	08-04-2024	I, Indgående
0	13063548	2024 Agenda International Workshop on EMF exposure for administrations_draft_v042024	08-04-2024	I, Indgående
8	13035580	International workshop on EMF exposure organised by ANFR - ANRB deltager fra SST	04-04-2024	U, Udgående
7	13035367	SIS holder SDFI orienteret om workshoppen	04-04-2024	U, Udgående
6	13035321	SDFI har desværre ikke mulighed for at deltage i ANFR-workshop (1)	04-04-2024	I, Indgående
0	13035322	For ADCO RED Lissabon Presentation	04-04-2024	I, Indgående
5	13033756	International workshop on EMF exposure organised by ANFR - STUK deltager	04-04-2024	I, Indgående
4	13020132	SIS plamlægger at deltage i ANFR-workshop	02-04-2024	U, Udgående
3	13017727	Videresendelse - workshop relevant for SDFI?	29-03-2024	U, Udgående
2	13017716	SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR	29-03-2024	I, Indgående
1	13017714	SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR	29-03-2024	I, Indgående

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Subject: RE: 22nd may International EMF exposure workshop organised by ANFR

Dear all

Please find attached the final version of the workshop report. We plan to publish it on ANFR website in next few days.

To download the presentations given by Luis Miguel Vega Fidalgo, Olivier Merckel and Theodoros Samaras, please use the following link:

<https://share.anfr.fr/?s=download&token=34650128-9290-45ff-822b-6ad3e092738b>

In addition, for your information only, please find the presentations given by different administrations to promote exchanges during the 3 panel discussions .

<https://share.anfr.fr/?s=download&token=f4f6bbfe-5b84-486b-801d-4a5a41634516>

Best
Emmanuelle

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Objet : RE: 22nd may International EMF exposure workshop organised by ANFR

Dear all

I would like to thank you very much for your active participation in our seminar last week.

I address a special thanks to Luis Miguel Vega Fidalgo as the EU views are key points and to our two guest speakers Olivier Merckel for the insights on health and EMF and Theodoros Samaras for the comprehensive presentation of EU research projects on EMF and health.

You can find attached a draft meeting report. Please, do not hesitate to let me know if you have any comments before 4th of June.

We wish to publish this meeting report on ANFR website with the presentations given by Luis Miguel Vega Fidalgo, Olivier Merckel and Theodoros Samaras.

As soon as I have received all the presentations, I will share them with you.

Best
Emmanuelle

De : CONIL Emmanuelle

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Objet : 22nd may International EMF exposure workshop organised by ANFR

Dear all

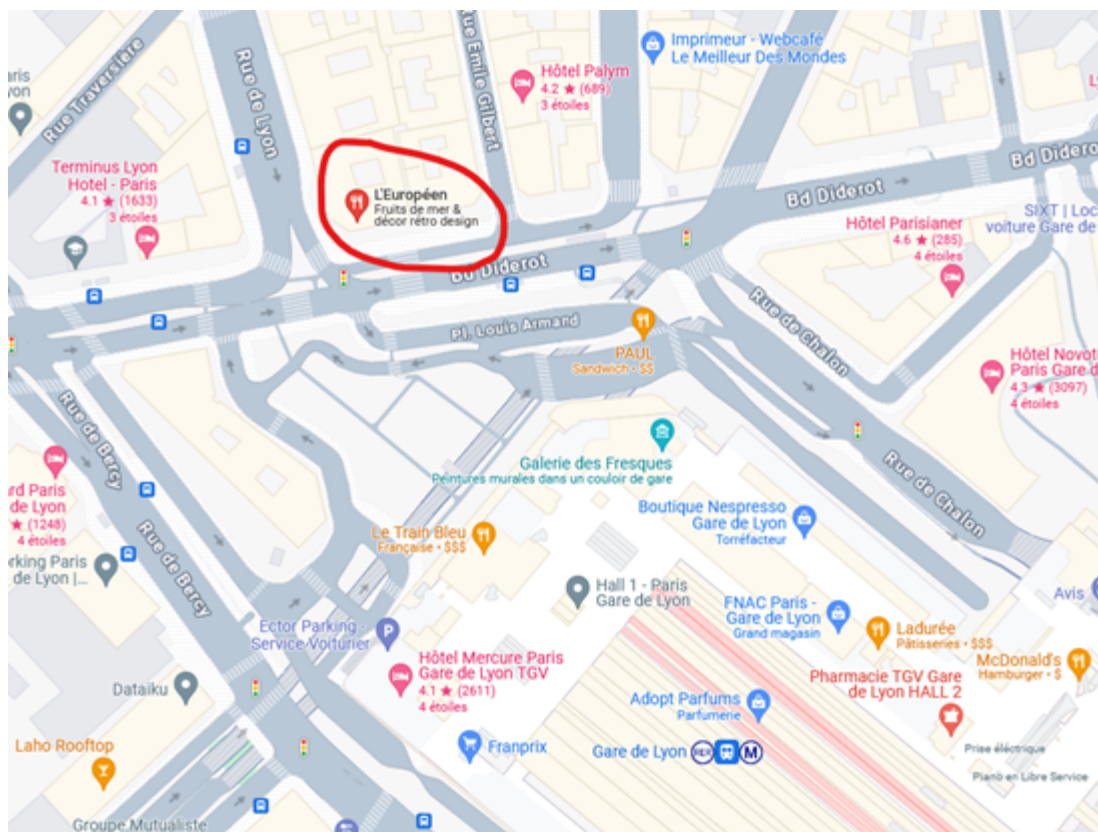
Thank you for your registration for the EMF exposure organised by ANFR on May 22nd.

This day promises to be rich in exchanges with around 30 in-person participants and around 10 remote participants representing 13 countries and the European commission. To avoid spending time in a roll call of participants at the start of the meeting, I attached also the draft list of participants.

The final agenda is attached as access maps to join ANFR facilities. For remote participation, please find attached the webex meeting link in .docx file.

For those arriving on the evening of 21st, we can meet for dinner at the brasserie "L'Européen" close to Gare de Lyon at 7:30 pm on Tuesday 21st.

If you haven't already done so, please let me know if you would be interested in this informal dinner. Please do not hesitate to contact me if needed : + 33 6 35 38 37 27



I look forward to seeing you next week.

Emmanuelle

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“INTERNATIONAL TECHNICAL WORKSHOP ON EMF EXPOSURE FOR ADMINISTRATIONS”

May 22, 2024

ANFR, Maisons-Alfort, France

Attendees: 28 in-person participants, 15 online participants from

13 countries: Belgium, Canada, Denmark, Finland, France, Germany, Greece, Iceland, Netherlands, Sweden, Switzerland, United Kingdom, USA

European Commission: DG GROW and JRC

The day unfolded in several times: a general introduction by Luis Miguel Vega Fidalgo, policy officer at DG GROW, discussions around 3 themes punctuated by a presentation of the view of the French health agency ANSES and a presentation of the European EMF Health Cluster composed of four 4 parallel research projects to study electromagnetic fields and health.

M. Luis Miguel Vega Fidalgo introduced the day by presenting how EMF exposure is managed at European level from the legal point of view. In particular, he recalls that EMF general public exposure is a national competence of each member state and EMF workers exposure is a competence of the European Union. He raised that the EU 1999 recommendation is a solid piece of legislation as it is stable for 25 years. However, a revision of the technical annexe is ongoing to consider the new metrics introduced by ICNIRP 2020 guidelines following the SCHEER opinion.

In general, the discussions showed that the subject of public exposure to electromagnetic fields (EMF) remains very significant in many countries. The market surveillance activities for SAR control requires a high level of expertise and heavy investments that limit the number of countries able to get involved in these activities. The exchanges have been very intense and of excellent quality around these 3 major themes.

- **National regulations:** several countries (as for example Greece, Belgium, Switzerland, France) have fixed EMF general public exposure limits or level of attention lower than the limits proposed by ICNIRP as it is a national competence. Some countries as Belgium or Italy have revised these values upwards to allow the rollout of the 5G. Netherlands have already implemented ICNIRP 2020 recommendations. Many countries put a large effort to monitor EMF exposure induced by base stations antennas and to provide information to the general public.
- **SAR market surveillance activities:** few countries have the resources to be involved in SAR testing as the requested level of expertise is very high and the financial cost very heavy. France is the most active European country, controlling around 70 devices per year. The European Commission has

decided to designate a public testing facility of a Member State as an EU Testing Facility (EUTF) as stipulated in the Regulation (EU) 2019/1020 on market surveillance and compliance of products. The role of the EUTFs is to support the activities of Market Surveillance Authorities, this new testing facility may facilitate more European countries to perform SAR controls. The practical implementation of this new testing facility is currently being fine-tuned.

- **Standardization activities:** European standardization is a consensus-building process that involves many players. In Europe, EMF exposure related standards are developed either by CENELEC or by IEC. As most of the time IEC and CENELEC are aligned, the works is not duplicated and IEC standards are adopted by CENELEC. However, additional legal requirements exist in the European Union. In particular, the European Commission has published a list of harmonized standards that are developed by technical experts from CENELEC for EMF exposure topics. These harmonized standards, when cited in the Official Journal, give the presumption of conformity for a radio equipment with the essential requirements set out in Article 3 of the RE directive. Currently, some IEC works are not aligned with CENELEC and technical works are directly addressed in CENELEC. This is the case for the question of the equivalence between SAR scanning measurement method and SAR array measurement method. Both methods are included in harmonized standards and CENELEC is now working on developing an interim system verification procedure to improve the equivalence between both testing methods.

The conference resulted in a common enrichment of knowledge related to the issues of public exposure assessment.

To go further : <https://share.anfr.fr/?s=download&token=34650128-9290-45ff-822b-6ad3e092738b>

- Introduction by Luis Miguel Vega Fidalgo, European Commission
- View of the French health agency ANSES on EMF exposure, ANSES
- European EMF Health Cluster, Thessaloniki University

From: Anders Ravensborg Beierholm <>
Sent: 29-05-2024 08:41:52 (UTC +01)
To: Lars Sjøllingvraa Niemann <lak@sik.dk>
Subject: T.O.: 22nd may International EMF exposure workshop organised by ANFR

Kære Lars,

Til orientering får du her en kort opsummering af den workshop om EMF-eksponering, der i sidste uge blev afholdt hos ANFR i Paris.

Mvh Anders

Anders Ravensborg Beierholm

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Fra: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>

Sendt: 28. maj 2024 16:15

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Objet : 22nd may International EMF exposure workshop organised by ANFR

Dear all

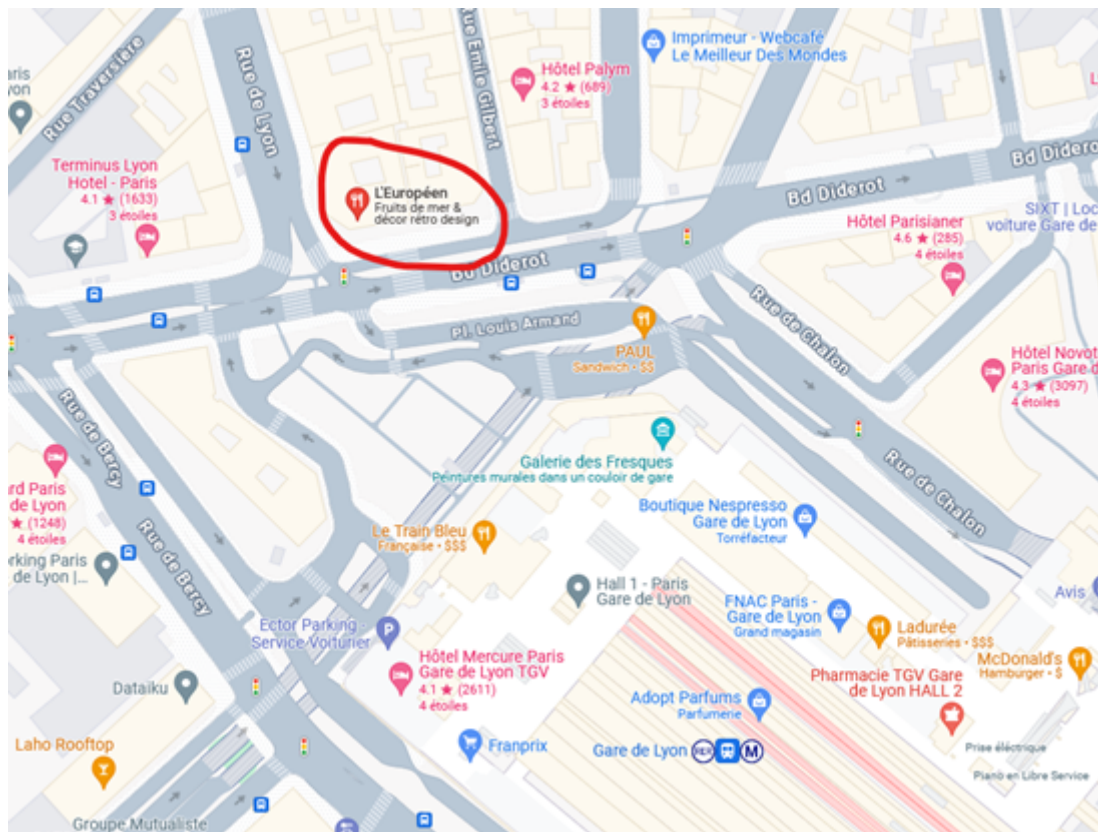
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I look forward to seeing you next week.

Emmanuelle

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“INTERNATIONAL TECHNICAL WORKSHOP ON EMF EXPOSURE FOR ADMINISTRATIONS”

May 22, 2024

ANFR, Maisons-Alfort, France

Attendees: 28 in-person participants, 15 online participants from

13 countries: Belgium, Canada, Denmark, Finland, France, Germany, Greece, Iceland, Netherlands, Sweden, Switzerland, United Kingdom, USA

European Commission: DG GROW and JRC

The day unfolded in several times: a general introduction by Luis Miguel Vega Fidalgo, policy officer at DG GROW, discussions around 3 themes punctuated by a presentation of the view of the French health agency ANSES and a presentation of the European EMF Health Cluster composed of four 4 parallel research projects to study electromagnetic fields and health.

M. Luis Miguel Vega Fidalgo introduced the day by presenting how EMF exposure is managed at European level. In particular, he recalls that EMF general public exposure is a national competence of each member state and EMF workers exposure is a competence of the European Commission. He raised that the EU 1999 recommendation is a solid piece of legislation as it is stable for 25 years. However, a revision of the technical annexe is on going to consider the new metrics introduced by ICNIRP 2020 guidelines.

In general, the discussions showed that the subject of public exposure to electromagnetic fields (EMF) remains very significant in many countries. The market surveillance activities for SAR control requires a high level of expertise and heavy investments that limit the number of countries able to get involved in these activities. The exchanges have been very intense and of excellent quality around these 3 major themes.

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The conference resulted in a common enrichment of knowledge related to the issues of public exposure assessment.

To go further :

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From: Anders Ravensborg Beierholm <>
Sent: 29-05-2024 08:40:05 (UTC +01)
To: Gregers Koldby Nielsen <gkn@sdfi.dk>; 'marah@sdfi.dk' <marah@sdfi.dk>
Subject: T.O.: 22nd may International EMF exposure workshop organised by ANFR

Kære Maria og Gregers,

Til orientering får I her en kort opsummering af den workshop om EMF-eksponering, der i sidste uge blev afholdt hos ANFR i Paris.

Mvh Anders

Anders Ravensborg Beierholm

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Fra: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>

Sendt: 28. maj 2024 16:15

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You can find attached a draft meeting report. Please, do not hesitate to let me know if you have any comments before 4th of June.

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As soon as I have received all the presentations, I will share them with you.

Best
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De : CONIL Emmanuelle

Envoyé : mardi 14 mai 2024 09:34

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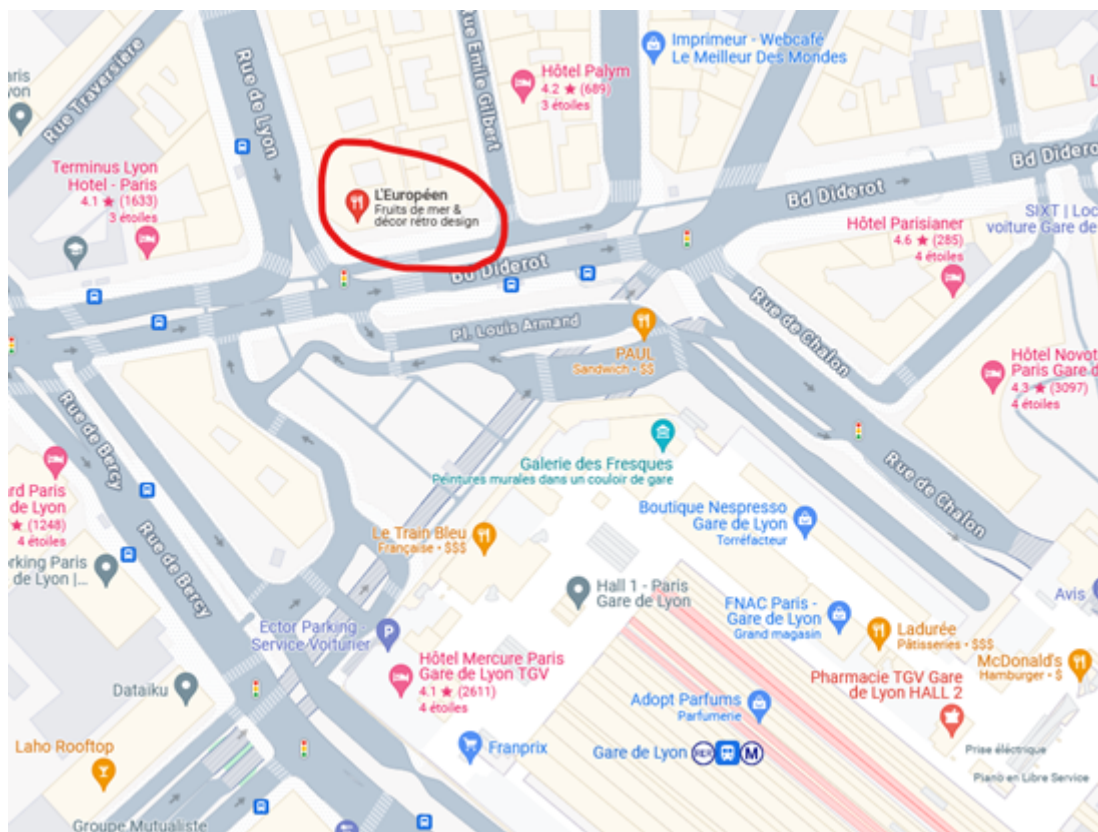
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Subject: RE: 22nd may International EMF exposure workshop organised by ANFR

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Envoyé : mardi 14 mai 2024 09:34

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'b.vatovez@issep.be' <b.vatovez@issep.be>; Gallant, Josette (ISED/ISDE) <Josette.Gallant@ised-isde.gc.ca>; 'yi.pan@ised-isde.gc.ca' <yi.pan@ised-isde.gc.ca>; 'stephane.proulx@ised-isde.gc.ca' <stephane.proulx@ised-isde.gc.ca>; 'greguy.saint-pierre@ised-isde.gc.ca' <greguy.saint-pierre@ised-isde.gc.ca>; 'anrb@sis.dk' <anrb@sis.dk>; 'Luis-Miguel.VEGA-FIDALGO@ec.europa.eu' <Luis-Miguel.VEGA-FIDALGO@ec.europa.eu>; 'Chrysanthi.CHOUNTALA@ec.europa.eu' <Chrysanthi.CHOUNTALA@ec.europa.eu>; 'sami.kannala@stuk.fi' <sami.kannala@stuk.fi>; 'MERCKEL Olivier' <Olivier.MERCKEL@anses.fr>; 'alice.kopel@sante.gouv.fr' <alice.kopel@sante.gouv.fr>; 'shanshan.wang@telecom-paris.fr' <shanshan.wang@telecom-paris.fr>; 'joe.wiart@mines.org' <joe.wiart@mines.org>;
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'maria.christopoulou@eeae.gr' <maria.christopoulou@eeae.gr>; 'NVlassopoulos@EETT.GR' <NVlassopoulos@EETT.GR>; 'theosama@auth.gr' <theosama@auth.gr>; 'edda.l.gunnarsdottir@gr.is' <edda.l.gunnarsdottir@gr.is>; 'wei.wang@rdi.nl' <wei.wang@rdi.nl>;
'lisette.kruit@antennebureau.nl' <lisette.kruit@antennebureau.nl>; 'Tanzim.Kawnine@ssm.se' <Tanzim.Kawnine@ssm.se>; 'clara.balsiger@bafu.admin.ch' <clara.balsiger@bafu.admin.ch>;
'Andre.Trabold@bakom.admin.ch' <Andre.Trabold@bakom.admin.ch>;
'evelyn.stempf@bag.admin.ch' <evelyn.stempf@bag.admin.ch>;
'Carolina.Calderon@ukhsa.gov.uk' <Carolina.Calderon@ukhsa.gov.uk>;
'Azadeh.Peyman@ukhsa.gov.uk' <Azadeh.Peyman@ukhsa.gov.uk>; 'Tim.Harrington@fcc.gov' <Tim.Harrington@fcc.gov>; 'Rajat.Mathur@fcc.gov' <Rajat.Mathur@fcc.gov>;
'Alfonso.Tarditi@fcc.gov' <Alfonso.Tarditi@fcc.gov>; 'Martin.Doczkat@fcc.gov' <Martin.Doczkat@fcc.gov>

Cc : AGNANI Jean-Benoit <Jean-Benoit.AGNANI@anfr.fr>; LUGUERN Jean-Pierre <Jean-Pierre.LUGUERN@anfr.fr>; DE FARIA Jérôme <Jerome.DEFARIA@anfr.fr>; JAWAD Ourouk <Ourouk.JAWAD@anfr.fr>; OUTAY Adel <Adel.OUTAY@anfr.fr>; PISA Daniel <Daniel.PISA@anfr.fr>; RAMDANI Mehdi <Mehdi.RAMDANI@anfr.fr>; SEFSOUF Lydia <Lydia.SEFSOUF@anfr.fr>; TOUDERT Youssef <Youssef.TOUDERT@anfr.fr>; CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>

Objet : 22nd may International EMF exposure workshop organised by ANFR

Dear all

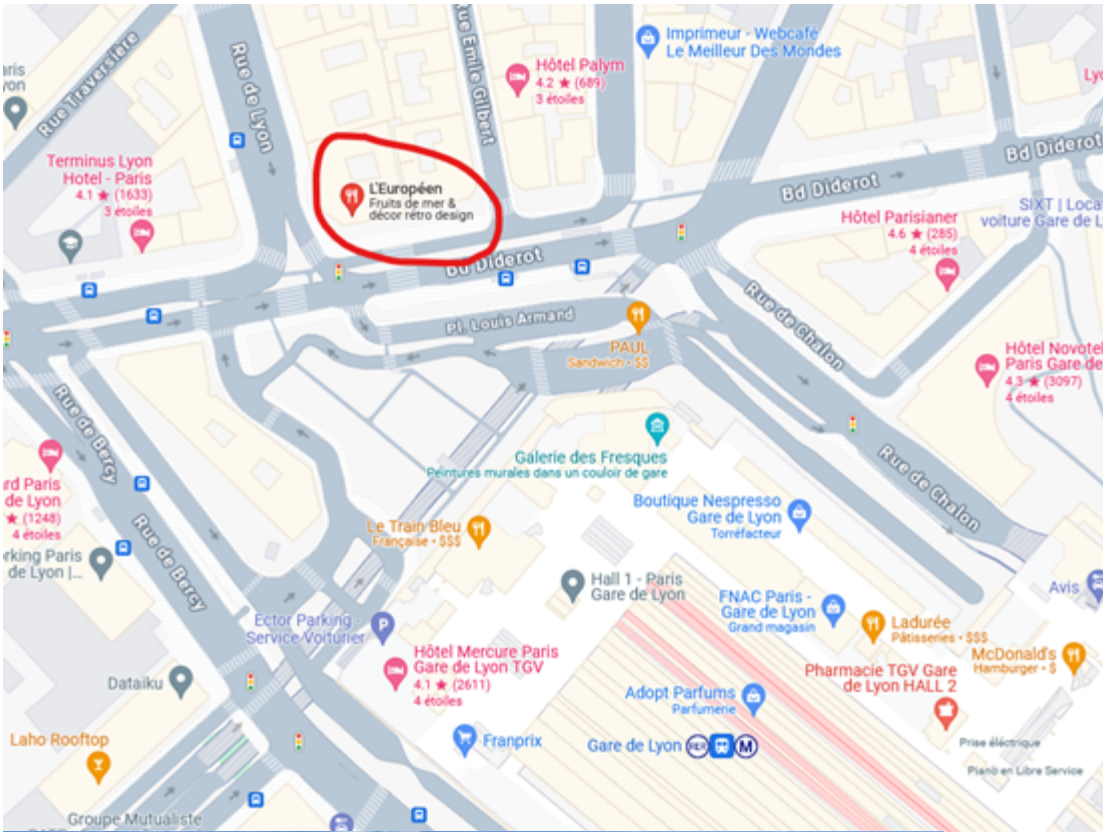
Thank you for your registration for the EMF exposure organised by ANFR on May 22nd.

This day promises to be rich in exchanges with around 30 in-person participants and around 10 remote participants representing 13 countries and the European commission. To avoid spending time in a roll call of participants at the start of the meeting, I attached also the draft list of participants.

The final agenda is attached as access maps to join ANFR facilities. For remote participation, please find attached the webex meeting link in .docx file.

For those arriving on the evening of 21st, we can meet for dinner at the brasserie "L'Européen" close to Gare de Lyon at 7:30 pm on Tuesday 21st.

If you haven't already done so, please let me know if you would be interested in this informal dinner. Please do not hesitate to contact me if needed : + 33 6 35 38 37 27



I look forward to seeing you next week.

Emmanuelle

Agence nationale des fréquences

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“INTERNATIONAL TECHNICAL WORKSHOP ON EMF EXPOSURE FOR ADMINISTRATIONS”

May 22, 2024

ANFR, Maisons-Alfort, France

Attendees: 28 in-person participants, 15 online participants from

13 countries: Belgium, Canada, Denmark, Finland, France, Germany, Greece, Iceland, Netherlands, Sweden, Switzerland, United Kingdom, USA

European Commission: DG GROW and JRC

The day unfolded in several times: a general introduction by Luis Miguel Vega Fidalgo, policy officer at DG GROW, discussions around 3 themes punctuated by a presentation of the view of the French health agency ANSES and a presentation of the European EMF Health Cluster composed of four 4 parallel research projects to study electromagnetic fields and health.

M. Luis Miguel Vega Fidalgo introduced the day by presenting how EMF exposure is managed at European level. In particular, he recalls that EMF general public exposure is a national competence of each member state and EMF workers exposure is a competence of the European Commission. He raised that the EU 1999 recommendation is a solid piece of legislation as it is stable for 25 years. However, a revision of the technical annexe is on going to consider the new metrics introduced by ICNIRP 2020 guidelines.

In general, the discussions showed that the subject of public exposure to electromagnetic fields (EMF) remains very significant in many countries. The market surveillance activities for SAR control requires a high level of expertise and heavy investments that limit the number of countries able to get involved in these activities. The exchanges have been very intense and of excellent quality around these 3 major themes.

- **National regulations:** several countries (as for example Greece, Belgium, Switzerland, France) have fixed EMF general public exposure limits or level of attention lower than the limits proposed by ICNIRP as it is a national competence. Some countries as Belgium or Italy have revised these values upwards to allow the rollout of the 5G. Netherlands have already implemented ICNIRP 2020 recommendations. Many countries put a large effort to monitor EMF exposure induced by base stations antennas and to provide information to the general public.
- **SAR market surveillance activities:** few countries have the resources to be involved in SAR testing as the requested level of expertise is very high and the financial cost very heavy. France is the most active European country, controlling around 70 devices per year. The European Commission has decided to designate a public testing facility of a Member State as an EU Testing Facility (EUTF) as

stipulate in the Regulation (EU) 2019/1020 on market surveillance and compliance of products. The role of the EUTFs is to support the activities of Market Surveillance Authorities, this new testing facility may facilitate more European countries to perform SAR controls. The practical implementation of this new testing facility is currently being fine-tuned.

- **Standardization activities:** European standardization is a consensus-building process that involves many players. In Europe, EMF exposure related standards are developed either by CENELEC or by IEC. As most of the time IEC and CENELEC are aligned, the works is not duplicated and IEC standards are adopted by CENELEC. However, additional requirements are imposed in Europe. In particular, the European Commission is publishing a list of harmonized standards that are developed by technical experts from CENELEC for EMF exposure topics. These harmonized standards, when cited in the Official Journal, give the presumption of conformity for a radio equipment with the essential requirements set out in Article 3 of the RE directive. Currently, some IEC works are not aligned with CENELEC and technical works are directly addressed in CENELEC. This is the case for the question of the equivalence between SAR scanning measurement method and SAR array measurement method. Both methods are now included in harmonized standards even if there is no evidence of equivalence between the 2 methods. CENELEC is now working on developing an interim system verification procedure to solve the equivalence problem.

The conference resulted in a common enrichment of knowledge related to the issues of public exposure assessment.

To go further :

- Introduction by Luis Miguel Vega Fidalgo, European Commission [\(link to add\)](#)
- View of the French health agency ANSES on EMF exposure, ANSES [\(link to add\)](#)
- European EMF Health Cluster, Thessaloniki University [\(link to add\)](#)

From: Anders Ravnsborg Beierholm <>
Sent: 16-05-2024 14:33:13 (UTC +01)
To: Lars Søjlingvraa Niemann <lak@sik.dk>
Subject: VS: 22nd may International EMF exposure workshop organised by ANFR

Hej Lars,

Du får hermed videresendt information om den omtalte EMF-workshop hos ANFR, som foregår på onsdag d. 22. Måske den endelige dagsordens emne fra kl. 12 til 13 om SAR-markedsovervågning kan være af relevans for Sikkerhedsstyrelsen?

Information om tilgang til mødet via Webex er vedhæftet, hvis I har tid og lyst til at være med.

Mvh Anders

Anders Ravnsborg Beierholm

Specialkonsulent
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anrb@sis.dk

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SUNDHEDSSTYRELSEN
Strålebeskyttelse

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[LinkedIn](#) • [Facebook](#) • [X](#) • sst.dk

Fra: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>

Sendt: 14. maj 2024 09:34

Til: lpetrillo@environnement.brussels; tdemuijlder@environnement.brussels; b.vatovez@issep.be; Gallant, Josette (ISED/ISDE) <Josette.Gallant@ised-isde.gc.ca>; yi.pan@ised-isde.gc.ca; stephane.proulx@ised-isde.gc.ca; greguy.saint-pierre@ised-isde.gc.ca; Anders Ravnsborg Beierholm <anrb@sis.dk>; Luis-Miguel.VEGA-FIDALGO@ec.europa.eu; Chrysanthi.CHOUNTALA@ec.europa.eu; sami.kannala@stuk.fi; MERCKEL Olivier <Olivier.MERCKEL@anses.fr>; alice.kopel@sante.gouv.fr; shanshan.wang@telecom-paris.fr; joe.wiart@mines.org; dgeschwentner@bfs.de; Wolfgang.Hotz@BNetzA.de; efthymios.karabetsos@eeae.gr; maria.christopoulou@eeae.gr; NVlassopoulos@EETT.GR; theosama@auth.gr; edda.l.gunnarsdottir@gr.is; wei.wang@rdi.nl; lisette.kruit@antennebureau.nl; Tanzim.Kawnine@ssm.se; clara.balsiger@bafu.admin.ch; Andre.Trabold@bakom.admin.ch; evelyn.stempfel@bag.admin.ch; Carolina.Calderon@ukhsa.gov.uk; Azadeh.Peyman@ukhsa.gov.uk; Tim.Harrington@fcc.gov; Rajat.Mathur@fcc.gov; Alfonso.Tarditi@fcc.gov; Martin.Doczkat@fcc.gov

Cc: AGNANI Jean-Benoit <Jean-Benoit.AGNANI@anfr.fr>; LUGUERN Jean-Pierre <Jean-Pierre.LUGUERN@anfr.fr>; DE FARIA Jérôme <Jerome.DEFARIA@anfr.fr>; JAWAD Ourouk <Ourouk.JAWAD@anfr.fr>; OUTAY Adel <Adel.OUTAY@anfr.fr>; PISA Daniel <Daniel.PISA@anfr.fr>; RAMDANI Mehdi <Mehdi.RAMDANI@anfr.fr>; SEFSOUF Lydia <Lydia.SEFSOUF@anfr.fr>; TOUDERT Youssef <Youssef.TOUDERT@anfr.fr>; CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>
Emne: 22nd may International EMF exposure workshop organised by ANFR

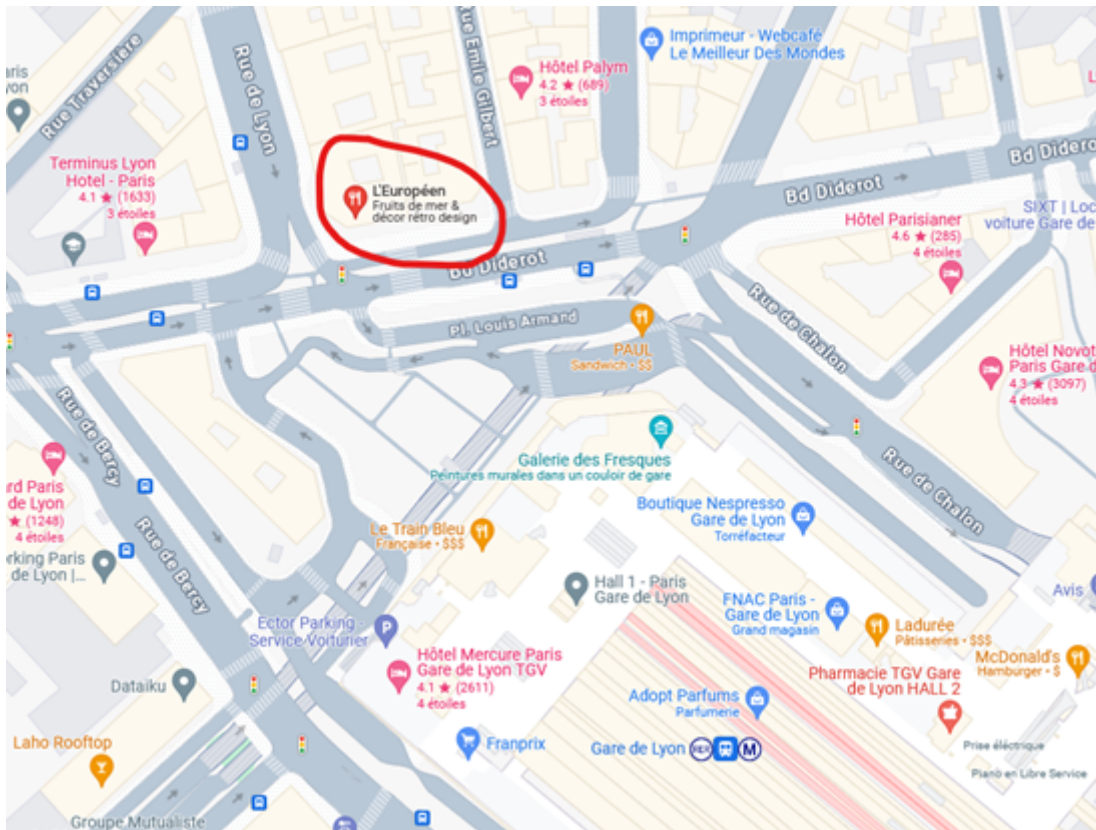
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I look forward to seeing you next week.

Emmanuelle

Agence nationale des fréquences

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Tél : + 33 1 45 18 72 67

Mobile : + 33 6 35 38 37 27

emmanuelle.conil@anfr.fr



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INTERNATIONAL TECHNICAL WORKSHOP ON EMF EXPOSURE FOR ADMINISTRATIONS

AGENDA

Wednesday, May 22th 2024

ANFR

78 avenue du Général de Gaulle, 94700 Maisons-Alfort, France

9:00	Registration, welcome coffee
9:30	Welcome address, objective of the seminar
9:45	<i>Introduction by EU commission</i> <i>Luis Miguel Vega Fidalgo, Policy Officer, DG GROW</i>
10:00	View of the French health agency ANSES on EMF exposure <i>Olivier Merckel, head of physical risk assessment unit, ANSES</i>
10:45	Break
11 :00	Panel discussion on national policies, transparency and communication
12:00	Panel discussion on SAR market surveillance activities
13:00	Lunch
14:30	European EMF Health Cluster <i>Theodoros Samaras, coordinator of Seawave project, past coordinator of CLUE-H cluster</i>
15:15	Panel discussion on standardization activities
16:15	Concluding remarks
16:45	End of workshop

ACCESS MAP TO ANFR IN MAISONS ALFORT

"Agence nationale des fréquences"

78 Avenue du Général de Gaulle 94704 Maisons-Alfort

Phone: + 33 1 45 18 72 08 / Fax: + 33 1 45 18 73 13

By RER (express train):

From Paris "Gare du Nord" or "Chatelet" or "Gare de Lyon" stations, take the **RER D** (south) and get off at the "Maisons-Alfort" station.

From the "Maisons-Alfort" station, the ANFR is at 3 minutes walking distance (on the left hand side when going out of the station through the garden). **Follow red points on the map.**

By Metro:

Line n°8 (Balard-Créteil) in direction of "Créteil Préfecture".

Get off at the "Maisons alfort Stade" station (10' minutes walk, west direction). **Follow green points on the map.**

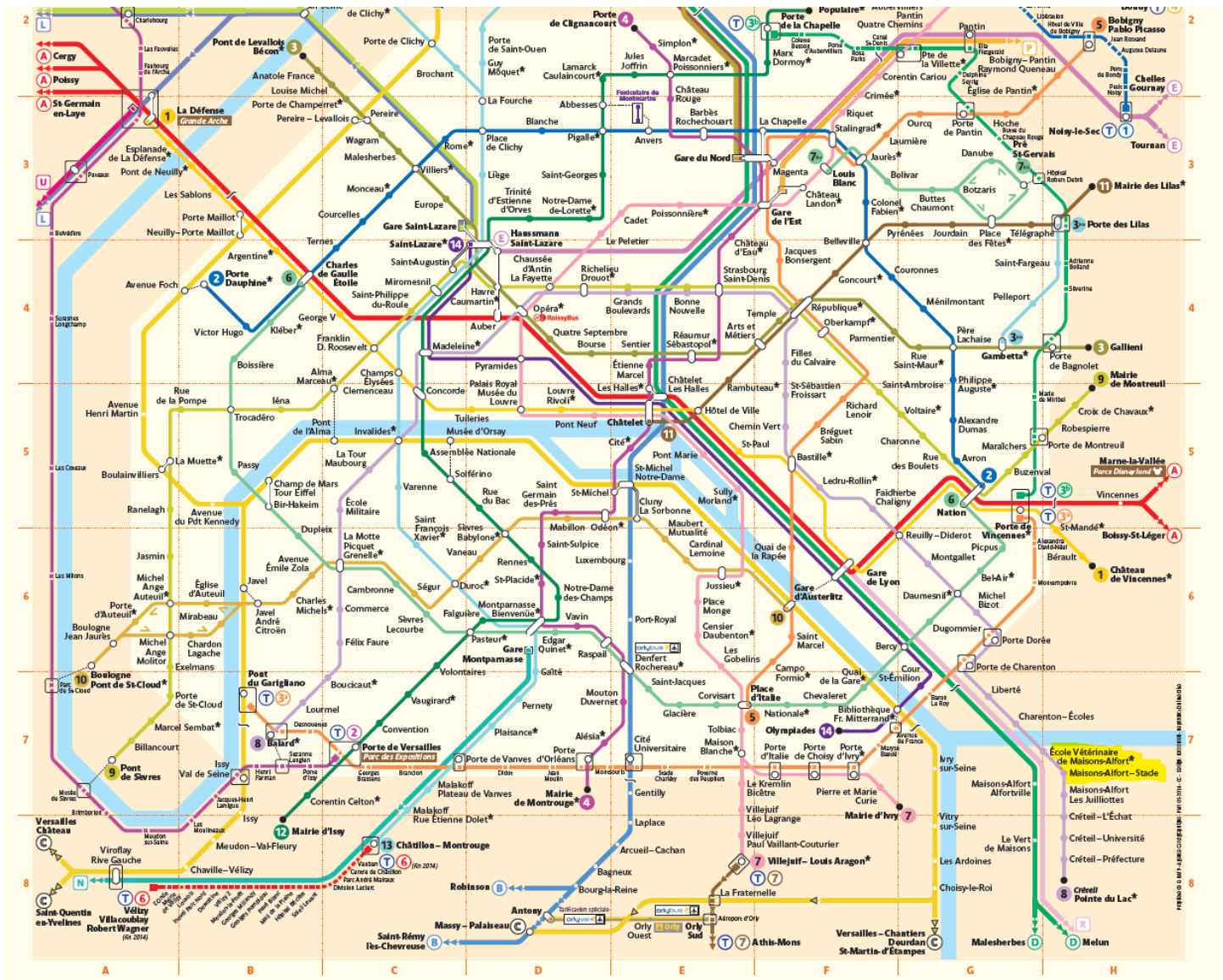
By Car:

On the Ring Road, at the exit "Porte de Bercy", take the A4 highway in direction of "Créteil, Metz-Nancy". Maisons-Alfort is the first exit. Turn on the right and cross the Marne river. Go straight ahead on the "avenue du Général de Gaulle" in direction of "Maisons-Alfort Centre".

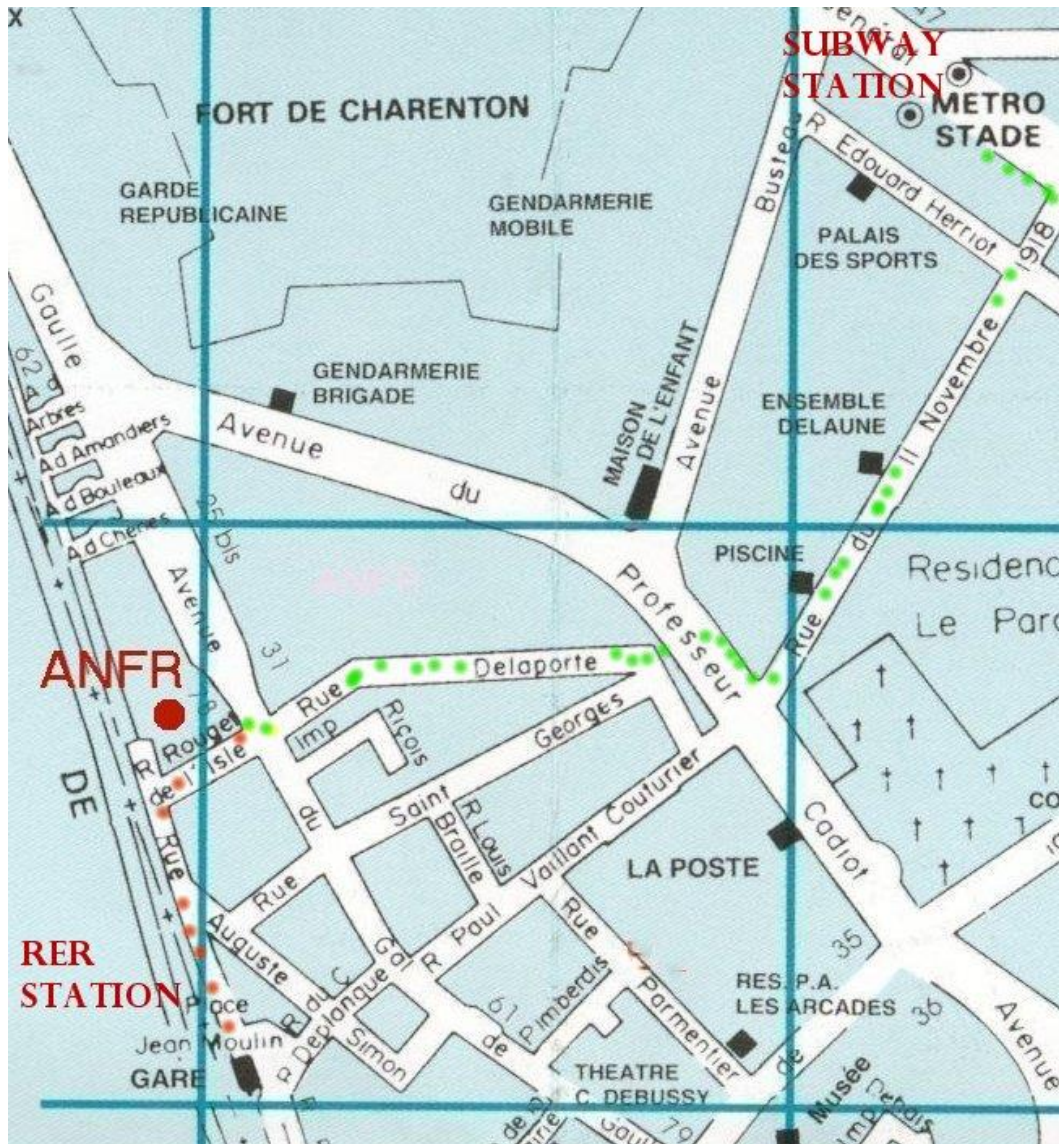
The ANFR is at about 2 km from the exit.



METRO MAP PARISIAN UNDERGROUND



**WAY FROM METRO OR
RER TO THE ANFR**



General map: MAISON ALFORT



ANFR is inviting you to a scheduled Webex meeting.

Wednesday, May 22, 2024

9:00 AM | (UTC+02:00) Brussels, Copenhagen, Madrid, Paris | 9 hrs

Join meeting

More ways to join:

Join from the meeting link

<https://anfr.webex.com/anfr-en/j.php?MTID=mda202409aff4bd867f15ba593dbddf76>

Join by meeting number

Meeting number (access code): 2740 172 9710

Meeting password: FcZPHqGq372

Tap to join from a mobile device (attendees only)

[+33-1-7091-8646,,27401729710##](tel:+33-1-7091-8646,,27401729710##) France Toll

Join by phone

+33-1-7091-8646 France Toll

[Global call-in numbers](#)

Join from a video system or application

Dial [27401729710@anfr.webex.com](tel:27401729710@anfr.webex.com)

You can also dial 62.109.219.4 and enter your meeting number.

Need help? Go to <https://help.webex.com>

INTERNATIONAL TECHNICAL WORKSHOP ON EMF EXPOSURE FOR ADMINISTRATIONS

DRAFT LIST OF PARTICIPANTS

Wednesday, May 22th 2024

ANFR, France

Pays	Affiliation	Last Name	First Name	Remote
Belgium	Bruxelles Environnement	Petrillo	Luca	
		De Muijlder	Thomas	
	ISSEP	Vatovez	Benjamin	
Canada	ISED	Gallant	Josette	X
		Pan	Yi	X
		Proulx	Stephane	X
		Saint-Pierre	Greguy	X
Danemark	Danish Health Authority Radiation Protection	Ravnsborg Beierholm	Anders	
EU	DG Grow	Vega-Fidalgo	Luis Miguel	
	JRC	Chountala	Chrysanthi	
Finland	Radiation and Nuclear Safety Authority (STUK)	Kannala	Sami	
France	ANFR – Frequency agency	Agnani	Jean-Benoît	
		Brégant	Gilles	
		Conil	Emmanuelle	
		De Faria	Jérôme	
		Jawad	Ourouk	
		Outay	Adel	
		Pisa	Daniel	
		Ramdani	Mehdi	
		Sefsouf	Lydia	
		Toudert	Youssef	

	ANSES – Health agency	Merckel	Olivier	
	DGS – Health ministry	Kopel	Alice	X
	Télécom Paris Tech	Wang	Shanshan	
		Wiert	Joe	
Germany	Bundesamt für Strahlenschutz (BFS)	Geschwentner	Dirk	
	Bundesnetzagentur (Bnetza)	Hotz	Wolfgang	
Greece	EEAE	Karabetsos	Efthymios	
		Christopoulou	Maria	
	EET	Vlassopoulos	Nikos	X
	Aristotle University of Thessaloniki	Samaras	Theodoros	X
Iceland	Radiation Safety Authority	Gunnarsdóttir	Edda Lína	
Netherlands	Radiocommunications Agency	Wang	Wei	
	Antennebureau	Kruit	Lisette	
Sweden	Radiation Protection Authority	Kawnin	Tanzim	
Switzerland	Office fédéral de l'environnement OFEV	Balsiger	Clara	
	Office fédéral des communications	Trabold	Andre	
		Stempfel-Mohler	Evelyn	
UK	UK Health Security Agency	Calderon	Carolina	X
		Peyman	Azadeh	X
US	FCC	Harrington	Tim	X
		Mathur	Rajat	X
		Tarditi	Alfonso	X
		Doczkat	Martin	X

From: Anders Ravensborg Beierholm <>
Sent: 15-05-2024 10:25:35 (UTC +01)
To: Gregers Koldby Nielsen <gkn@sdfi.dk>
Subject: SV: T.O.: VS: 22nd may International EMF exposure workshop organised by ANFR

Kære Gregers,

Tak for hurtigt svar og gode pointer; de er nu implementeret.

Mvh Anders

Fra: Gregers Koldby Nielsen <gkn@sdfi.dk>
Sendt: 15. maj 2024 10:00
Til: Anders Ravensborg Beierholm <anrb@sis.dk>
Emne: SV: T.O.: VS: 22nd may International EMF exposure workshop organised by ANFR

Kære Anders

Tak for at videresende præsentationen.

Jeg har nogle enkelte kommentarer:

Slide 6: SDFI har i år ikke inviteret til et møde om EMF-målingerne. Vi fandt, at dagsordenen ville blive alt for tynd, i modsætning til de første år med den nye strategi for strålingstilsyn. Men det ændrer selvfølgelig ikke på, at vi indkalder operatørerne til møder, hvis vi har noget at drøfte med dem. Kan du måske ændre teksten på dette slide 6 til noget i stil med "*Ad hoc meetings with operators when relevant*"? Så er det mere retvisende for hvordan vi har grebet det an i år.

Slide 7: Det var ikke måling i en bus, men på en busterminal.

Slide 8: Hvis du vil linke til rapporten, så kan du angive følgende link:
<https://sdfi.dk/Media/638195004355120414/EMF-2022v5%20-%20april%202023%20FINAL.PDF>

Det er endnu ikke afklaret, om jeg deltager online endnu. Det kan være, at det bliver en anden af mine kollegaer. Jeg afventer, at en chef tager stilling. Jeg vender tilbage, når jeg ved mere.

Venligst, Gregers

Fra: Anders Ravensborg Beierholm <anrb@sis.dk>
Sendt: 15. maj 2024 09:36
Til: Gregers Koldby Nielsen <gkn@sdfi.dk>
Emne: SV: T.O.: VS: 22nd may International EMF exposure workshop organised by ANFR

Kære Gregers,

Det lyder godt. ANFR efterlyste deltagere, der var villige til at give en kort præsentation (10 min), så jeg har sagt ja til at præsentere "national policies, transparency and communication" for det danske tilfælde.

Præsentationen er vedhæftet, hvor jeg har taget udgangspunkt i "Vores hverdag med mobilstråling" samt jeres præsentation fra ADCO RED. Jeg forsøger heri at redegøre for flere myndighedsområder, så sig til, hvis du har kommentarer. Og hvis I beslutter at deltage via Webex, kan vi eventuelt skære kagen anderledes.

Mvh Anders

Anders Ravnsborg Beierholm

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anrb@sis.dk

Sundhedsstyrelsen
Strålebeskyttelse
T +45 4454 3454
sis@sis.dk



Læs [her](#) om hvordan Sundhedsstyrelsen behandler personoplysninger.

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Fra: Gregers Koldby Nielsen <gkn@sdfi.dk>

Sendt: 14. maj 2024 09:56

Til: Anders Ravnsborg Beierholm <anrb@sis.dk>

Emne: SV: T.O.: VS: 22nd may International EMF exposure workshop organised by ANFR

Kære Anders

Mange tak for at videresende. Jeg vil lige få tjekket dagsordenen og undersøgt, om vi deltager via Webex. Det er i alt fald noget lettere at håndtere økonomisk.

Venlig hilsen Gregers

Fra: Anders Ravnsborg Beierholm <anrb@sis.dk>

Sendt: 14. maj 2024 09:51

Til: Gregers Koldby Nielsen <gkn@sdfi.dk>

Emne: T.O.: VS: 22nd may International EMF exposure workshop organised by ANFR

Kære Gregers,

Som lovet får du her en opdatering vedr. den omtalte EMF-workshop hos ANFR i næste uge. Dagsordenen for mødet er vedhæftet. Der er mulighed for online-deltagelse via Webex, hvis I har tid og lyst.

Mvh Anders

Anders Ravnsborg Beierholm

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anrb@sis.dk

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Fra: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>

Sendt: 14. maj 2024 09:34

Til: lpetrillo@environnement.brussels; tdemuijlder@environnement.brussels; b.vatovez@issep.be;
Gallant, Josette (ISED/ISDE) <Josette.Gallant@ised-isde.gc.ca>; yi.pan@ised-isde.gc.ca;
stephane.proulx@ised-isde.gc.ca; greguy.saint-pierre@ised-isde.gc.ca; Anders Ravnsborg Beierholm
<anrb@sis.dk>; Luis-Miguel.VEGA-FIDALGO@ec.europa.eu; Chrysanthi.CHOUNTALA@ec.europa.eu;
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lisette.kruit@antennebureau.nl; Tanzim.Kawnine@ssm.se; clara.balsiger@bafu.admin.ch;
Andre.Trabold@bakom.admin.ch; evelyn.stempfel@bag.admin.ch; Carolina.Calderon@ukhsa.gov.uk;
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Cc: AGNANI Jean-Benoit <Jean-Benoit.AGNANI@anfr.fr>; LUGUERN Jean-Pierre <Jean-Pierre.LUGUERN@anfr.fr>; DE FARIA Jérôme <Jerome.DEFARIA@anfr.fr>; JAWAD Ourouk
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Youssef <Youssef.TOUDERT@anfr.fr>; CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>

Emne: 22nd may International EMF exposure workshop organised by ANFR

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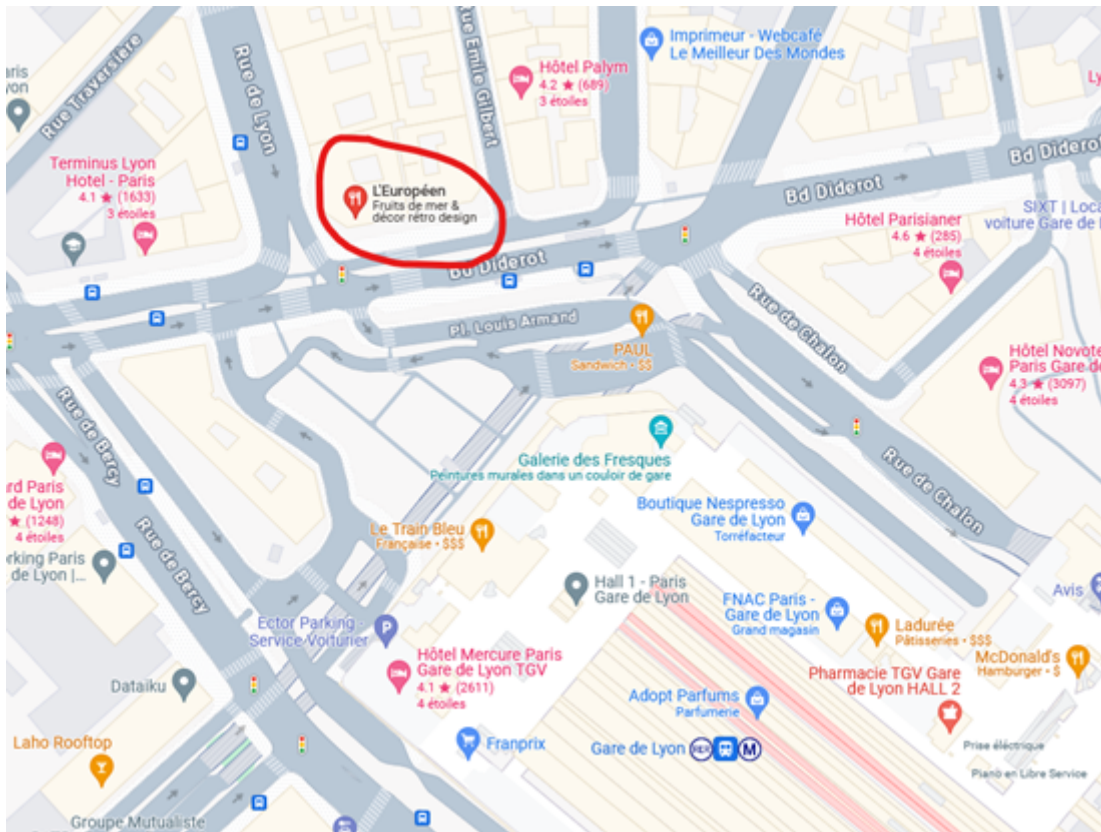
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I look forward to seeing you next week.

Emmanuelle

Agence nationale des fréquences

78, avenue du Général de Gaulle, 94704 MAISONS-ALFORT

Tél : + 33 1 45 18 72 67

Mobile : + 33 6 35 38 37 27

emmanuelle.conil@anfr.fr



anfr.fr | 5g.anfr.fr | recevoirlatnt.fr | cartoradio.fr





DANISH HEALTH
AUTHORITY
Radiation Protection

Regulation of EMF exposure in Denmark

Policies, transparency and communication



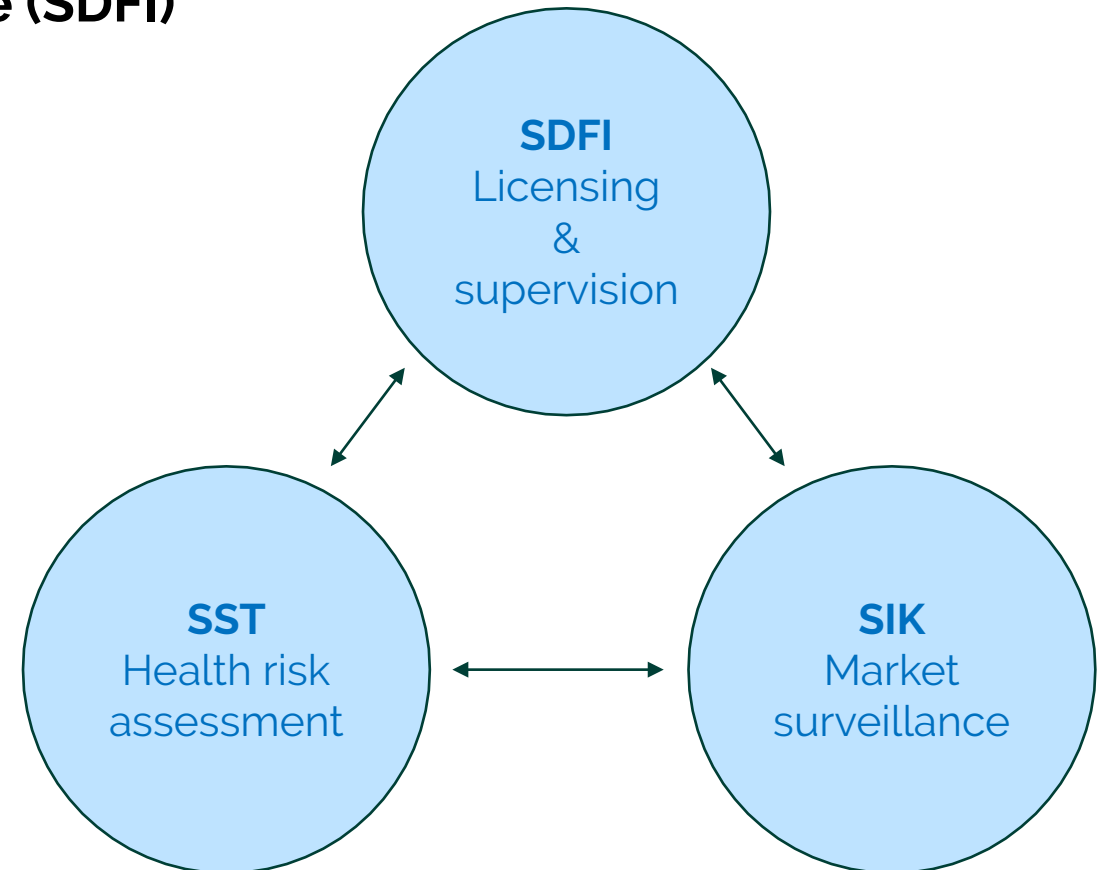
March 2025

Anders Ravensborg Beierholm

International Technical Workshop on EMF Exposure for Administrations

Responsible authorities

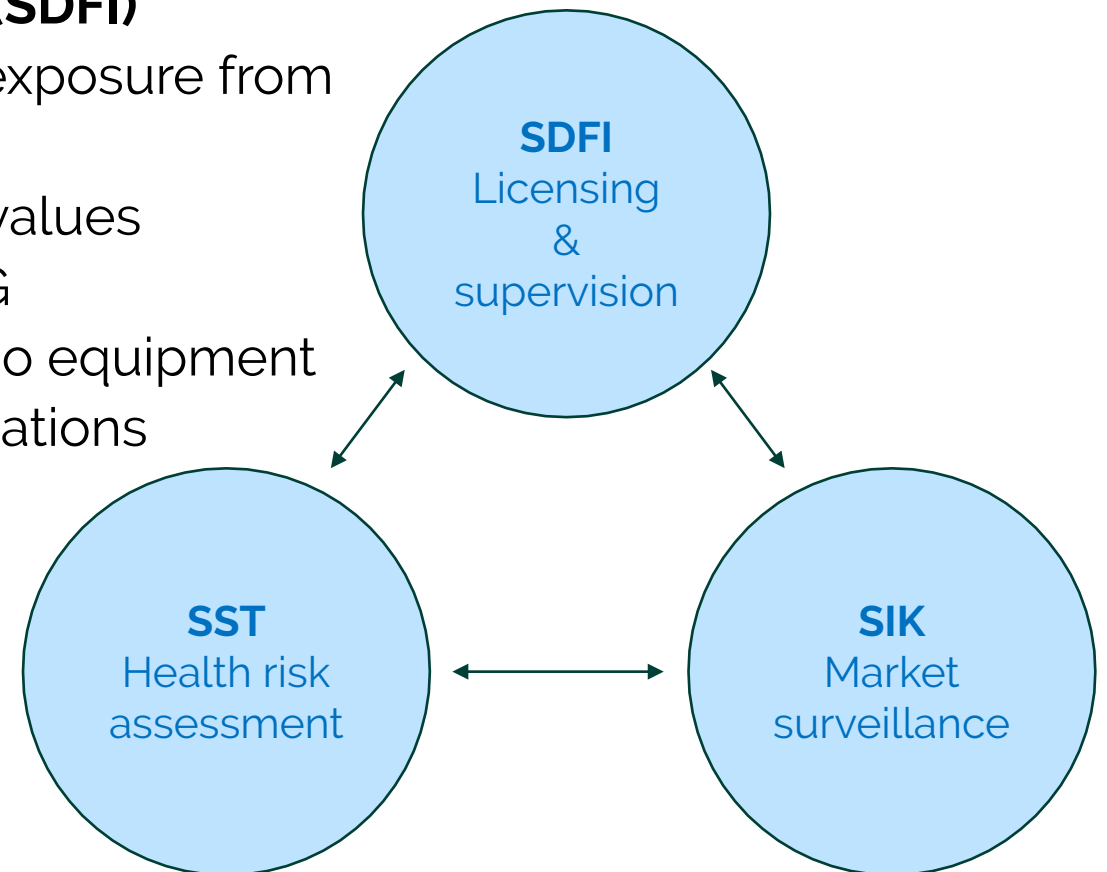
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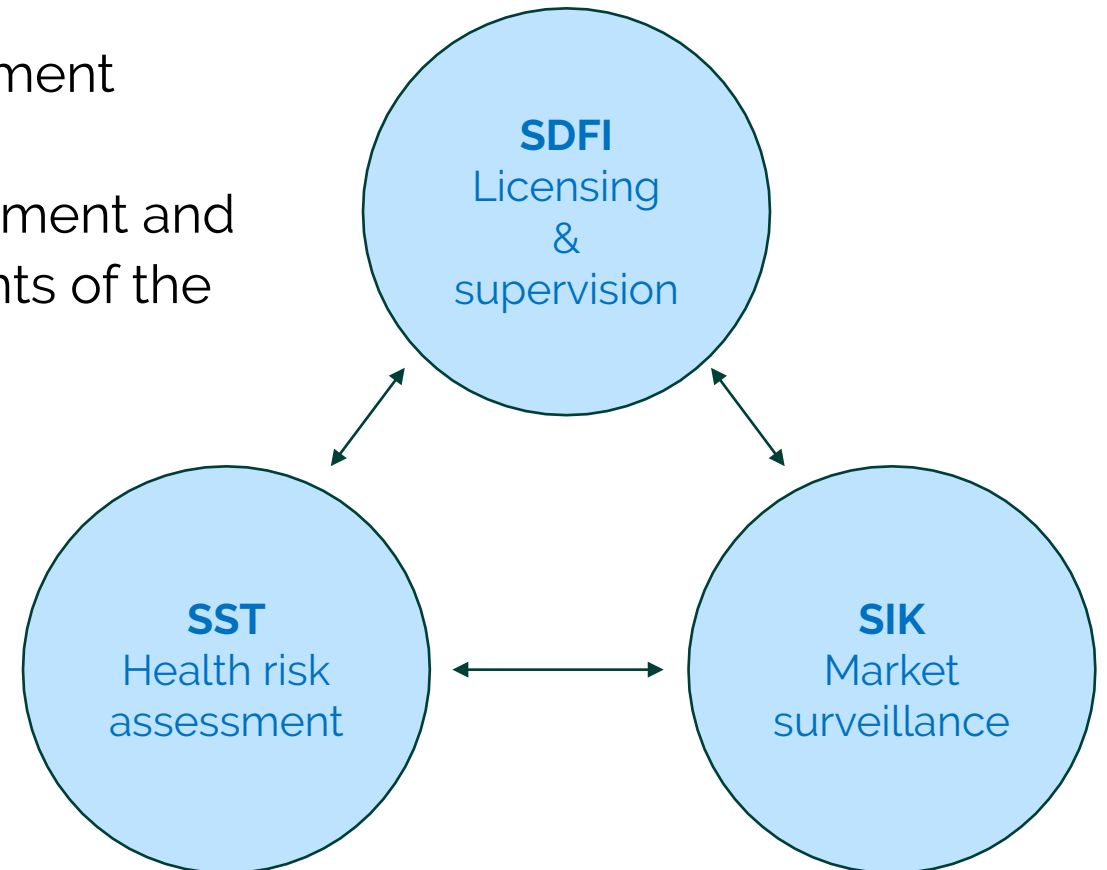
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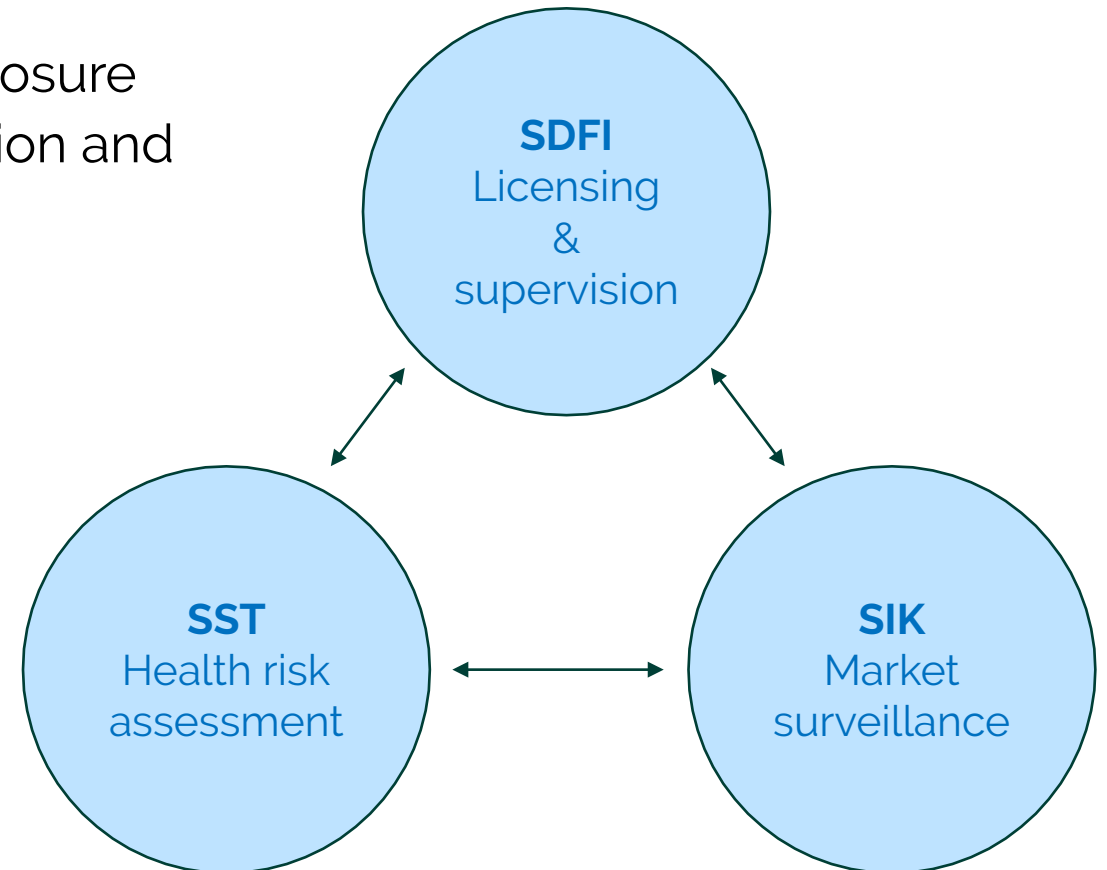
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Measurement campaign by Aalborg University

Investigation of Electromagnetic Fields

Gert Frølund Pedersen
and
Jesper Ødum Nielsen

November 2022

Antennas, Propagation and Millimetre-Wave
Systems Section
Department of Electronic Systems
Aalborg University, Denmark

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<https://sdfi.dk/Media/638195004355120414/EMF-2022v5%20-%20april%202023%20FINAL.PDF>

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Mobiltelefoni

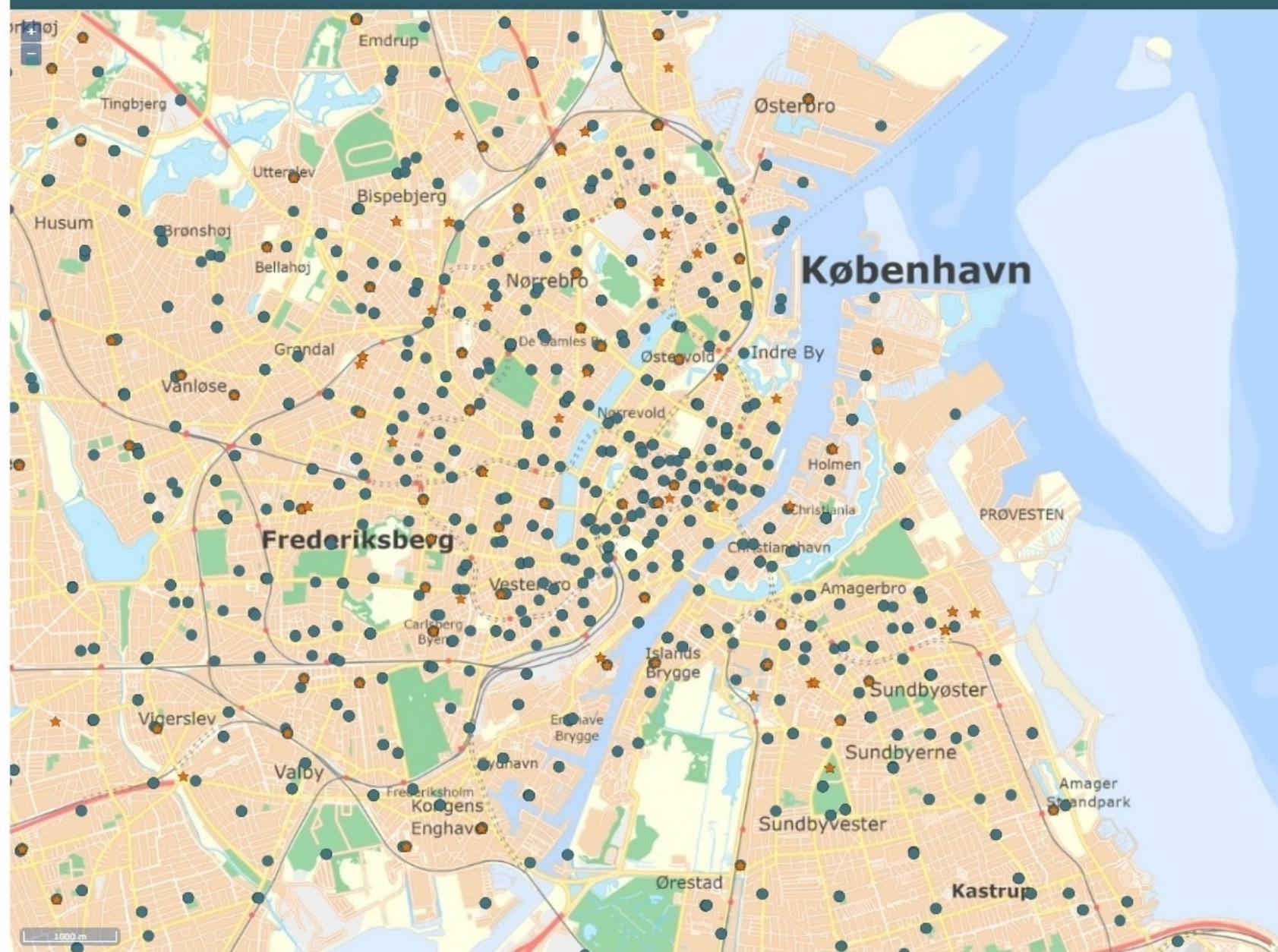
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☒ Eksisterende positioner☒ Planlagte positioner

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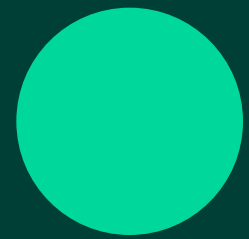
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Er det farligt?

Vi har samlet svar på de hyppigst stillede spørgsmål om trådløs teknologi.





From: Anders Ravnsborg Beierholm <>
Sent: 15-05-2024 09:35:37 (UTC +01)
To: Gregers Koldby Nielsen <gkn@sdfi.dk>
Subject: SV: T.O.: VS: 22nd may International EMF exposure workshop organised by ANFR

Kære Gregers,

Det lyder godt. ANFR efterlyste deltagere, der var villige til at give en kort præsentation (10 min), så jeg har sagt ja til at præsentere "national policies, transparency and communication" for det danske tilfælde.

Præsentationen er vedhæftet, hvor jeg har taget udgangspunkt i "Vores hverdag med mobilstråling" samt jeres præsentation fra ADCO RED. Jeg forsøger heri at redegøre for flere myndighedsområder, så sig til, hvis du har kommentarer. Og hvis I beslutter at deltage via Webex, kan vi eventuelt skære kagen anderledes.

Mvh Anders

Anders Ravnsborg Beierholm

Specialkonsulent
T (dir.) +45 4454 3455
anrb@sis.dk

Sundhedsstyrelsen
Strålebeskyttelse
T +45 4454 3454
sis@sis.dk



Læs [her](#) om hvordan Sundhedsstyrelsen behandler personoplysninger.

[LinkedIn](#) • [Facebook](#) • [X](#) • [sst.dk](#)

Fra: Gregers Koldby Nielsen <gkn@sdfi.dk>
Sendt: 14. maj 2024 09:56
Til: Anders Ravnsborg Beierholm <anrb@sis.dk>
Emne: SV: T.O.: VS: 22nd may International EMF exposure workshop organised by ANFR

Kære Anders

Mange tak for at videresende. Jeg vil lige få tjekket dagsordenen og undersøgt, om vi deltager via Webex. Det er i alt fald noget lettere at håndtere økonomisk.

Venlig hilsen Gregers

Fra: Anders Ravnsborg Beierholm <anrb@sis.dk>

Sendt: 14. maj 2024 09:51

Til: Gregers Koldby Nielsen <gkn@sdfi.dk>

Emne: T.O.: VS: 22nd may International EMF exposure workshop organised by ANFR

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Mvh Anders

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Sundhedsstyrelsen

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Fra: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>

Sendt: 14. maj 2024 09:34

Til: lpetrillo@environnement.brussels; tdemuijlder@environnement.brussels; b.vatovez@issep.be;

Gallant, Josette (ISED/ISDE) <Josette.Gallant@ised-isde.gc.ca>; yi.pan@ised-isde.gc.ca;

stephane.proulx@ised-isde.gc.ca; greguy.saint-pierre@ised-isde.gc.ca; Anders Ravnsborg Beierholm

<anrb@sis.dk>; Luis-Miguel.VEGA-FIDALGO@ec.europa.eu; Chrysanthi.CHOUNTALA@ec.europa.eu;

sami.kannala@stuk.fi; MERCKEL Olivier <Olivier.MERCKEL@anses.fr>; alice.kopel@sante.gouv.fr;

shanshan.wang@telecom-paris.fr; joe.wiart@mines.org; dgeschwentner@bfs.de;

Wolfgang.Hotz@BNetzA.de; efthymios.karabetsos@eeae.gr; maria.christopoulou@eeae.gr;

NVlassopoulos@EETT.GR; theosama@auth.gr; edda.l.gunnarsdottir@gr.is; wei.wang@rdi.nl;

lisette.kruit@antennebureau.nl; Tanzim.Kawnine@ssm.se; clara.balsiger@bafu.admin.ch;

Andre.Trabold@bakom.admin.ch; evelyn.stempfel@bag.admin.ch; Carolina.Calderon@ukhsa.gov.uk;

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Cc: AGNANI Jean-Benoit <Jean-Benoit.AGNANI@anfr.fr>; LUGUERN Jean-Pierre <Jean-Pierre.LUGUERN@anfr.fr>;

DE FARIA Jérôme <Jerome.DEFARIA@anfr.fr>; JAWAD Ourouk

<Ourouk.JAWAD@anfr.fr>; OUTAY Adel <Adel.OUTAY@anfr.fr>; PISA Daniel <Daniel.PISA@anfr.fr>;

RAMDANI Mehdi <Mehdi.RAMDANI@anfr.fr>; SEFSOUF Lydia <Lydia.SEFSOUF@anfr.fr>; TOUDERT
Youssef <Youssef.TOUDERT@anfr.fr>; CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>

Emne: 22nd may International EMF exposure workshop organised by ANFR

Dear all

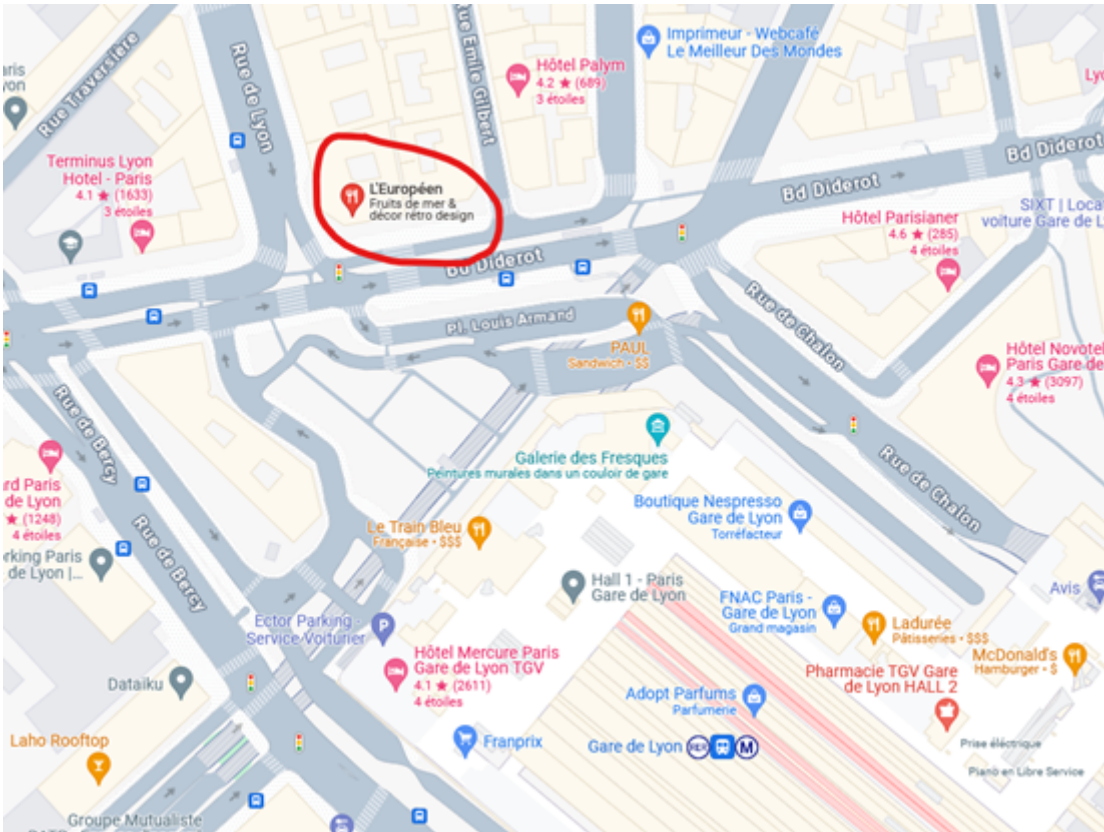
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DANISH HEALTH
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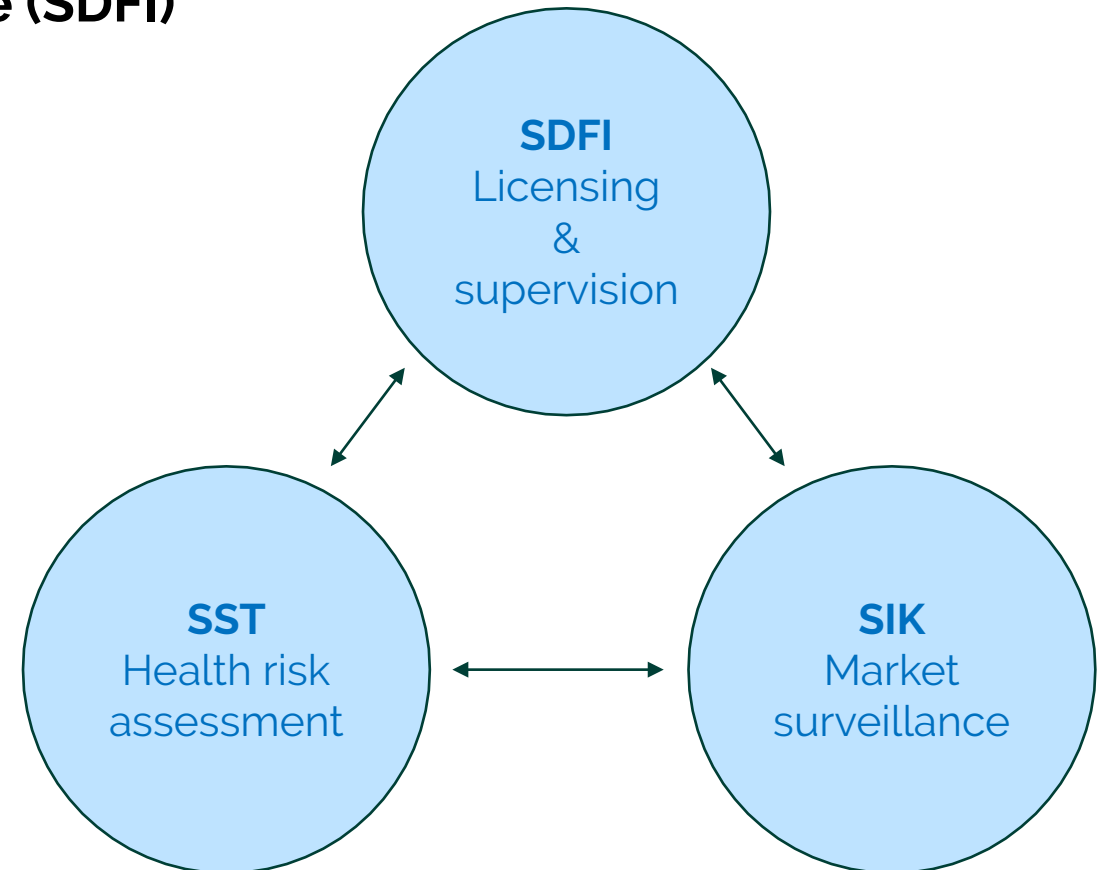
March 2025

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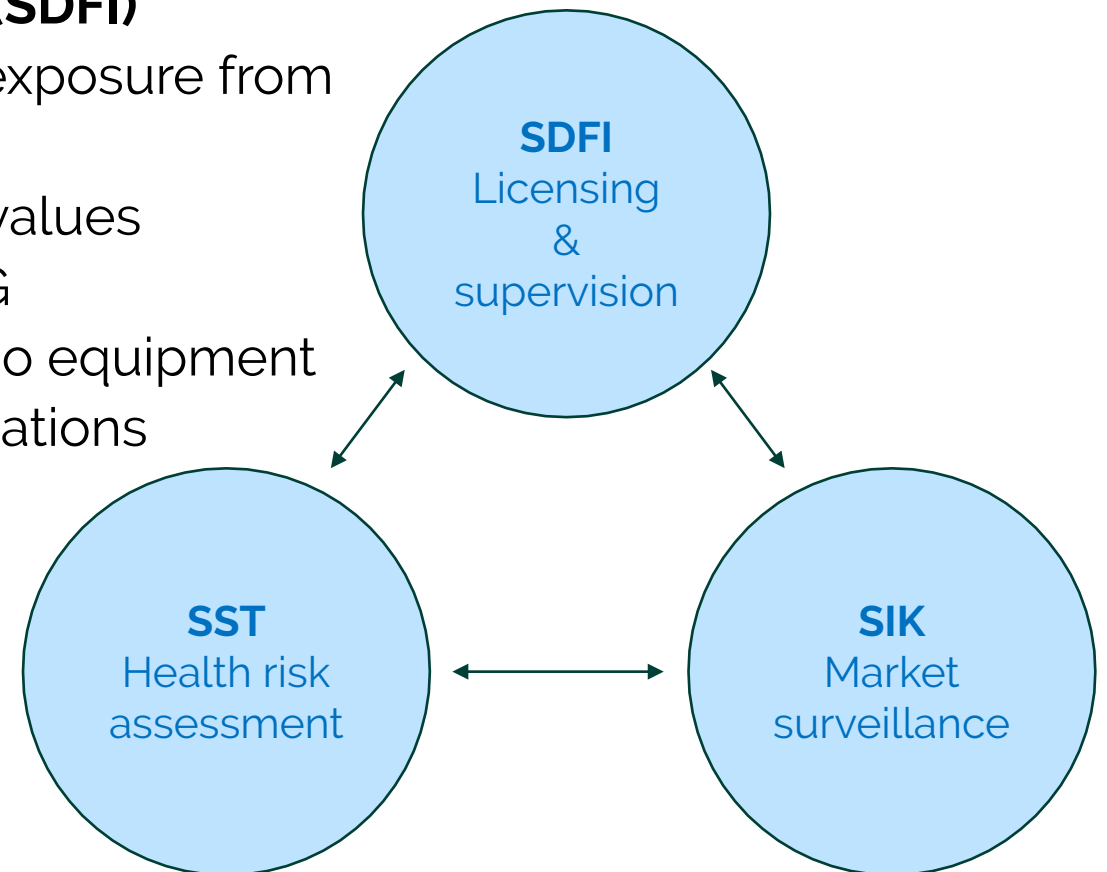
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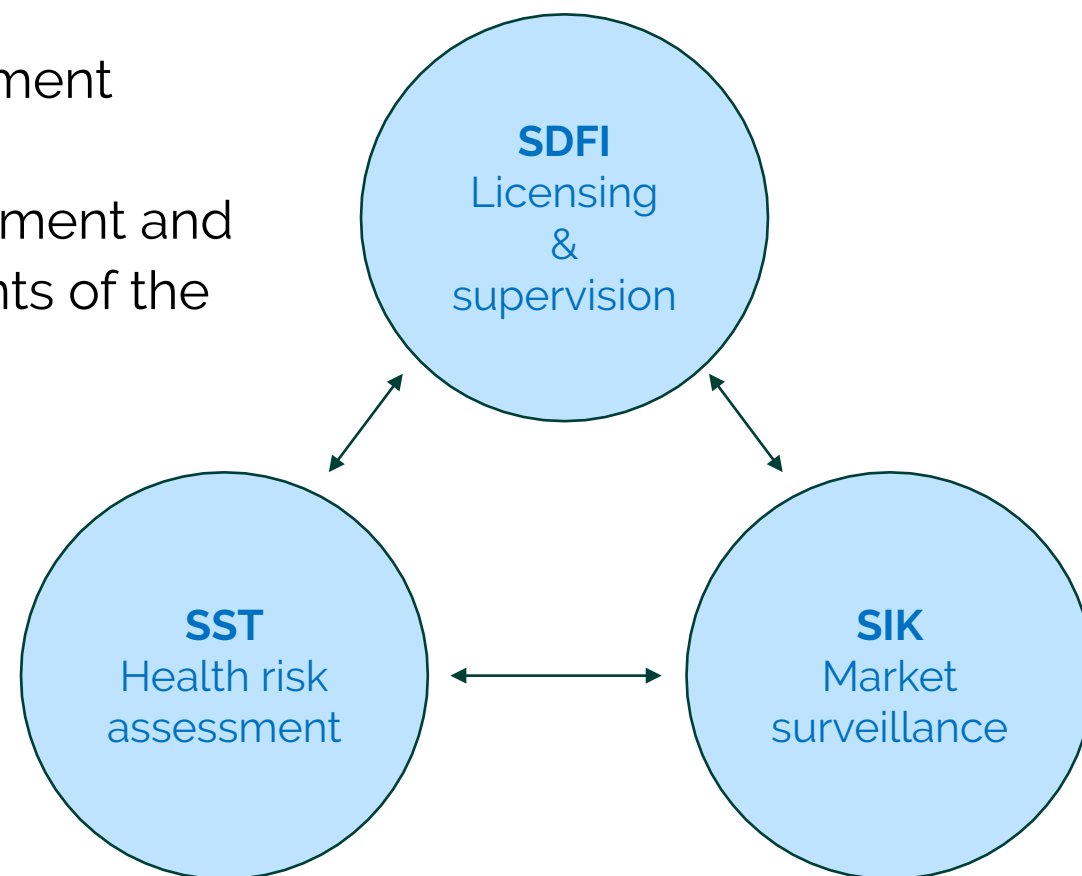
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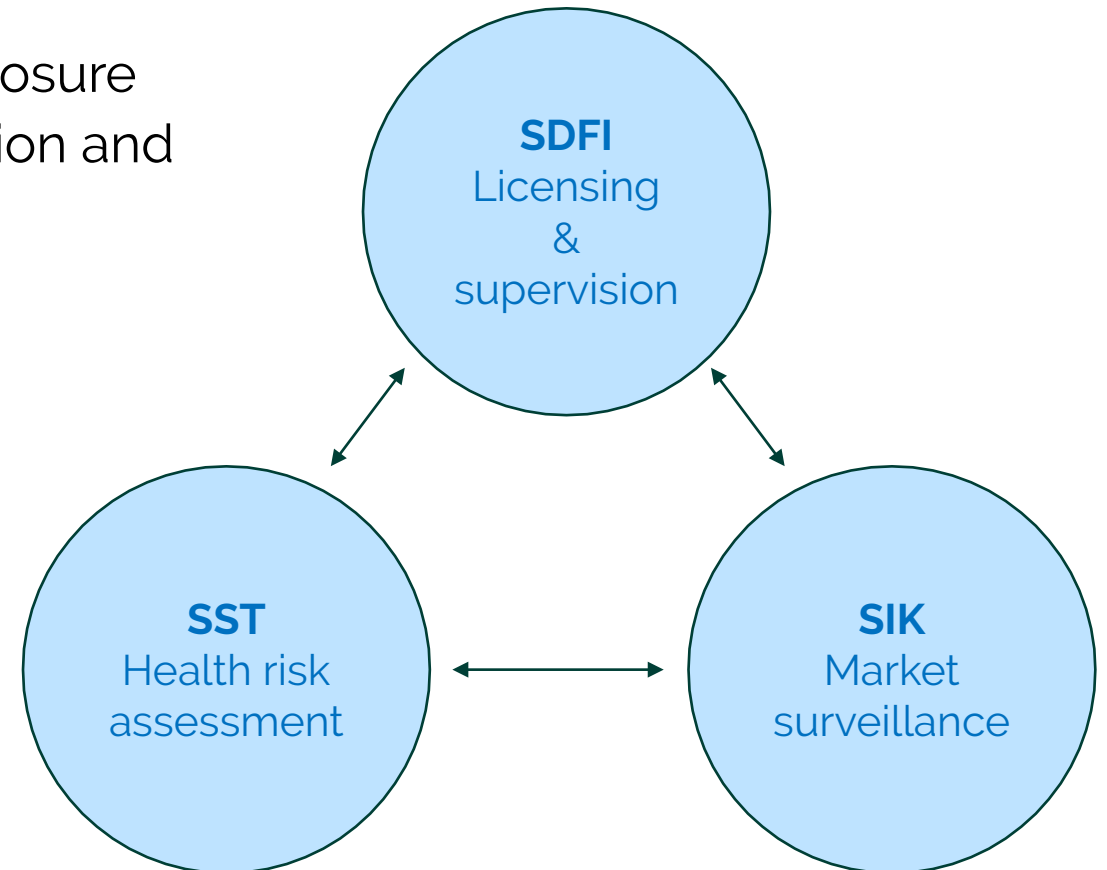
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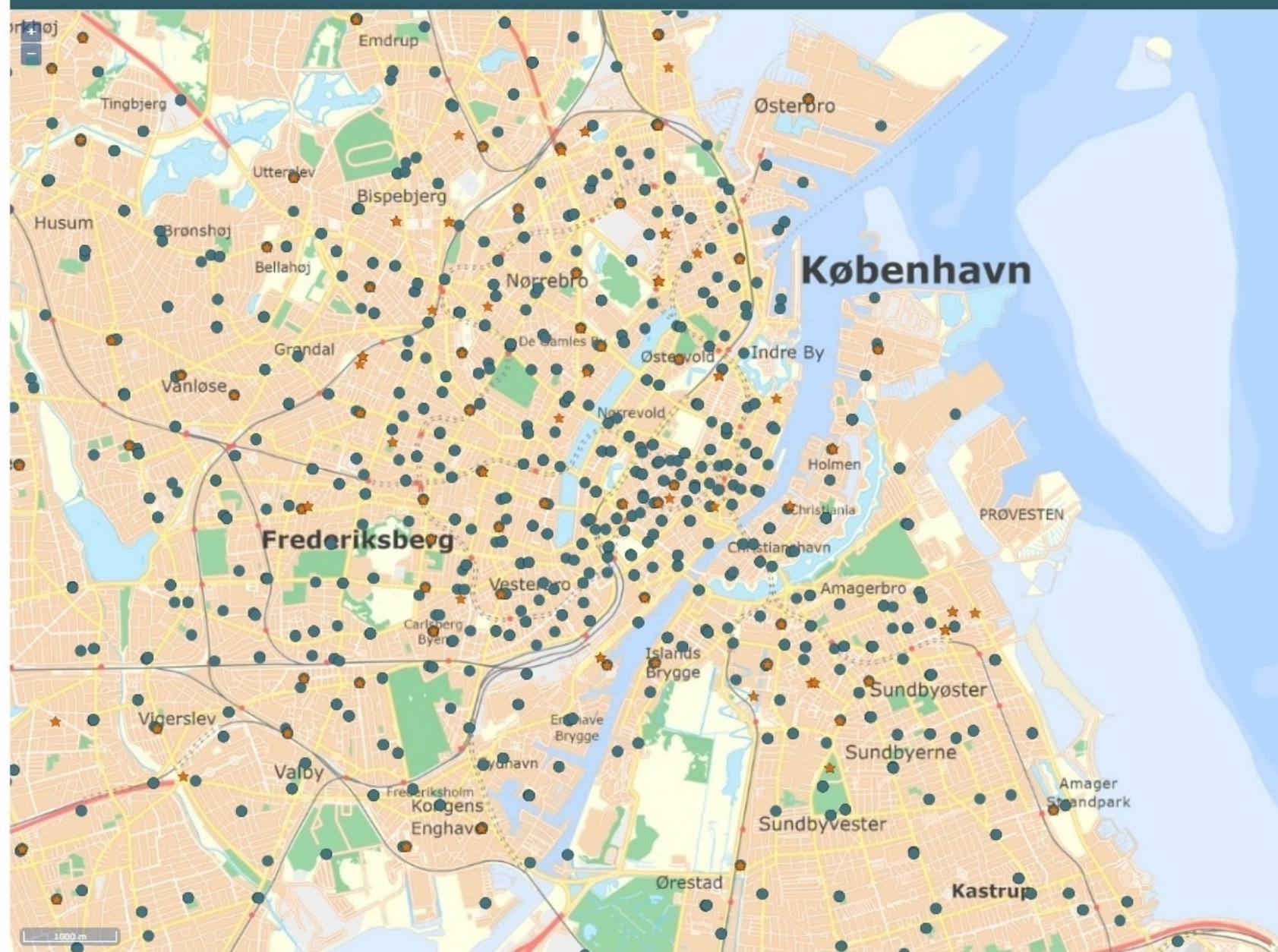
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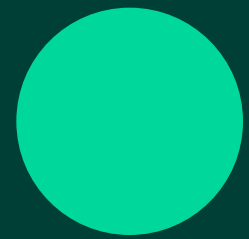
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From: Anders Ravensborg Beierholm <>
Sent: 14-05-2024 09:51:19 (UTC +01)
To: Gregers Koldby Nielsen <gkn@sdfi.dk>
Subject: T.O.: VS: 22nd may International EMF exposure workshop organised by ANFR

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Mvh Anders

Anders Ravensborg Beierholm

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anrb@sis.dk

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SUNDHEDSSTYRELSEN
Strålebeskyttelse

Læs [her](#) om hvordan Sundhedsstyrelsen behandler personoplysninger.

[LinkedIn](#) • [Facebook](#) • [X](#) • [sst.dk](#)

Fra: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>

Sendt: 14. maj 2024 09:34

Til: lpetrillo@environnement.brussels; tdemuijlder@environnement.brussels; b.vatovez@issep.be; Gallant, Josette (ISED/ISDE) <Josette.Gallant@ised-isde.gc.ca>; yi.pan@ised-isde.gc.ca; stephane.proulx@ised-isde.gc.ca; greguy.saint-pierre@ised-isde.gc.ca; Anders Ravensborg Beierholm <anrb@sis.dk>; Luis-Miguel.VEGA-FIDALGO@ec.europa.eu; Chrysanthi.CHOUNTALA@ec.europa.eu; sami.kannala@stuk.fi; MERCKEL Olivier <Olivier.MERCKEL@anses.fr>; alice.kopel@sante.gouv.fr; shanshan.wang@telecom-paris.fr; joe.wiart@mines.org; dgeschwentner@bfs.de; Wolfgang.Hotz@BNetzA.de; efthymios.karabetsos@eeae.gr; maria.christopoulou@eeae.gr; NVlassopoulos@EETT.GR; theosama@auth.gr; edda.l.gunnarsdottir@gr.is; wei.wang@rdi.nl; lisette.kruit@antennebureau.nl; Tanzim.Kawnine@ssm.se; clara.balsiger@bafu.admin.ch; Andre.Trabold@bakom.admin.ch; evelyn.stempfel@bag.admin.ch; Carolina.Calderon@ukhsa.gov.uk; Azadeh.Peyman@ukhsa.gov.uk; Tim.Harrington@fcc.gov; Rajat.Mathur@fcc.gov; Alfonso.Tarditi@fcc.gov; Martin.Doczkat@fcc.gov

Cc: AGNANI Jean-Benoit <Jean-Benoit.AGNANI@anfr.fr>; LUGUERN Jean-Pierre <Jean-Pierre.LUGUERN@anfr.fr>; DE FARIA Jérôme <Jerome.DEFARIA@anfr.fr>; JAWAD Ourouk <Ourouk.JAWAD@anfr.fr>; OUTAY Adel <Adel.OUTAY@anfr.fr>; PISA Daniel <Daniel.PISA@anfr.fr>; RAMDANI Mehdi <Mehdi.RAMDANI@anfr.fr>; SEFSOUF Lydia <Lydia.SEFSOUF@anfr.fr>; TOUDERT

Youssef <Youssef.TOUDERT@anfr.fr>; CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>

Emne: 22nd may International EMF exposure workshop organised by ANFR

Dear all

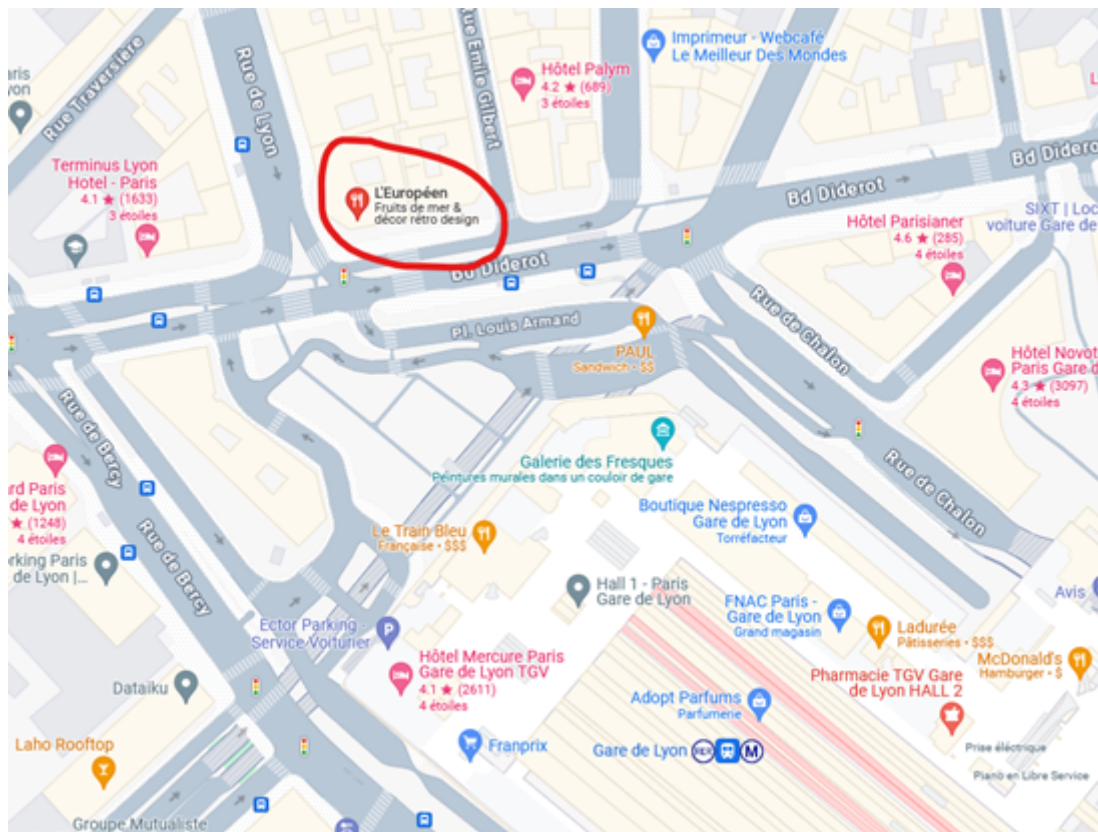
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If you haven't already done so, please let me know if you would be interested in this informal dinner. Please do not hesitate to contact me if needed : + 33 6 35 38 37 27



I look forward to seeing you next week.

Emmanuelle

Agence nationale des fréquences

78, avenue du Général de Gaulle, 94704 MAISONS-ALFORT

Tél : + 33 1 45 18 72 67

Mobile : + 33 6 35 38 37 27

emmanuelle.conil@anfr.fr



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INTERNATIONAL TECHNICAL WORKSHOP ON EMF EXPOSURE FOR ADMINISTRATIONS

AGENDA

Wednesday, May 22th 2024

ANFR

78 avenue du Général de Gaulle, 94700 Maisons-Alfort, France

9:00	Registration, welcome coffee
9:30	Welcome address, objective of the seminar
9:45	Introduction by EU commission <i>Luis Miguel Vega Fidalgo, Policy Officer, DG GROW</i>
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15:15	Panel discussion on standardization activities
16:15	Concluding remarks
16:45	End of workshop

ACCESS MAP TO ANFR IN MAISONS ALFORT

"Agence nationale des fréquences"

78 Avenue du Général de Gaulle 94704 Maisons-Alfort

Phone: + 33 1 45 18 72 08 / Fax: + 33 1 45 18 73 13

By RER (express train):

From Paris "Gare du Nord" or "Chatelet" or "Gare de Lyon" stations, take the **RER D** (south) and get off at the "Maisons-Alfort" station.

From the "Maisons-Alfort" station, the ANFR is at 3 minutes walking distance (on the left hand side when going out of the station through the garden). **Follow red points on the map.**

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By Car:

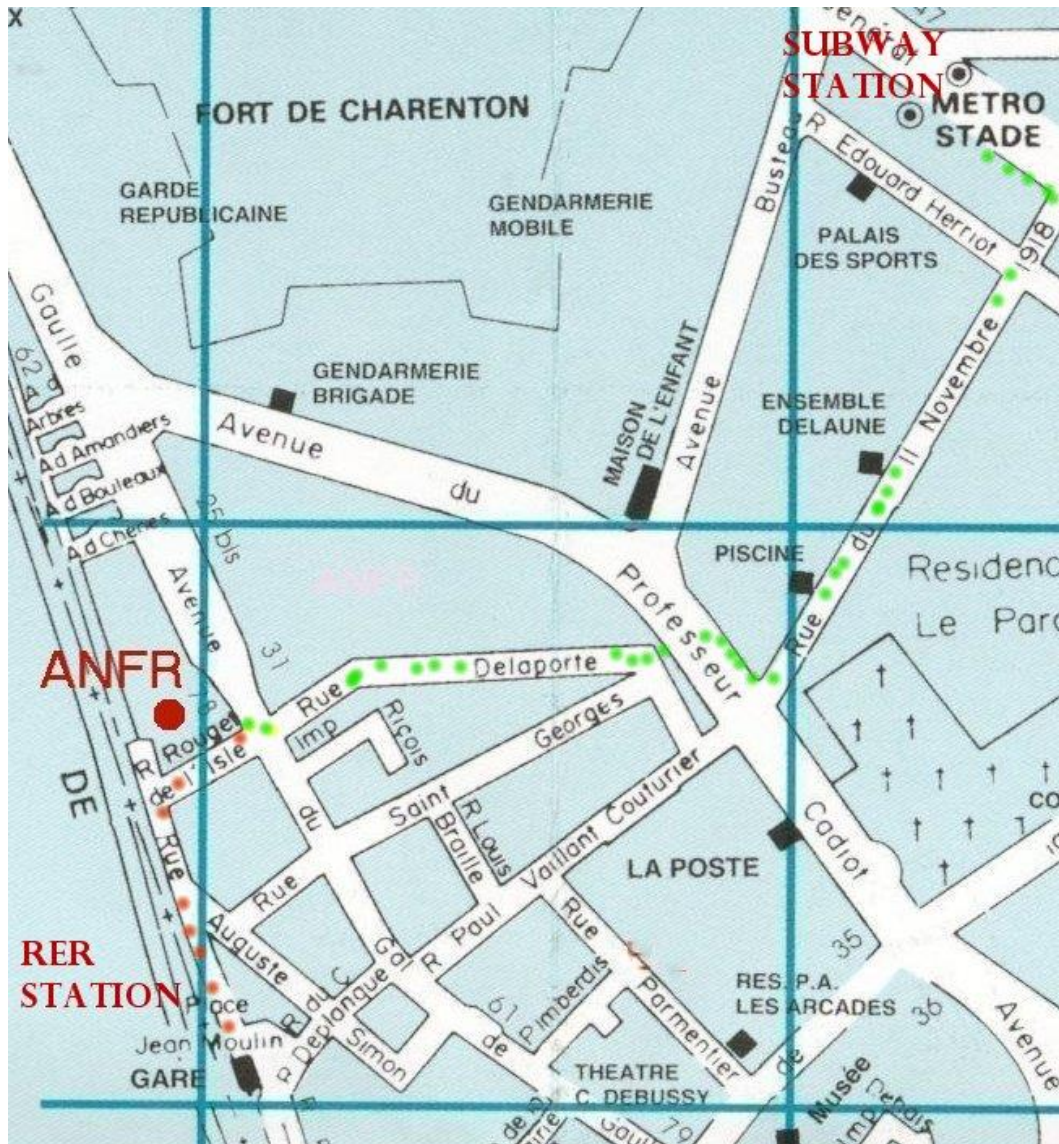
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The ANFR is at about 2 km from the exit.





WAY FROM METRO OR RER TO THE ANFR



General map: MAISON ALFORT



ANFR is inviting you to a scheduled Webex meeting.

Wednesday, May 22, 2024

9:00 AM | (UTC+02:00) Brussels, Copenhagen, Madrid, Paris | 9 hrs

Join meeting

More ways to join:

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<https://anfr.webex.com/anfr-en/j.php?MTID=mda202409aff4bd867f15ba593dbddf76>

Join by meeting number

Meeting number (access code): 2740 172 9710

Meeting password: FcZPHqGq372

Tap to join from a mobile device (attendees only)

[+33-1-7091-8646,,27401729710##](tel:+33-1-7091-8646,,27401729710##) France Toll

Join by phone

+33-1-7091-8646 France Toll

[Global call-in numbers](#)

Join from a video system or application

Dial [27401729710@anfr.webex.com](tel:27401729710@anfr.webex.com)

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INTERNATIONAL TECHNICAL WORKSHOP ON EMF EXPOSURE FOR ADMINISTRATIONS

DRAFT LIST OF PARTICIPANTS

Wednesday, May 22th 2024

ANFR, France

Pays	Affiliation	Last Name	First Name	Remote
Belgium	Bruxelles Environnement	Petrillo	Luca	
		De Muijlder	Thomas	
	ISSEP	Vatovez	Benjamin	
Canada	ISED	Gallant	Josette	X
		Pan	Yi	X
		Proulx	Stephane	X
		Saint-Pierre	Greguy	X
Danemark	Danish Health Authority Radiation Protection	Ravnsborg Beierholm	Anders	
EU	DG Grow	Vega-Fidalgo	Luis Miguel	
	JRC	Chountala	Chrysanthi	
Finland	Radiation and Nuclear Safety Authority (STUK)	Kannala	Sami	
France	ANFR – Frequency agency	Agnani	Jean-Benoît	
		Brégant	Gilles	
		Conil	Emmanuelle	
		De Faria	Jérôme	
		Jawad	Ourouk	
		Outay	Adel	
		Pisa	Daniel	
		Ramdani	Mehdi	
		Sefsouf	Lydia	
		Toudert	Youssef	

	ANSES – Health agency	Merckel	Olivier	
	DGS – Health ministry	Kopel	Alice	X
	Télécom Paris Tech	Wang	Shanshan	
		Wiert	Joe	
Germany	Bundesamt für Strahlenschutz (BFS)	Geschwentner	Dirk	
	Bundesnetzagentur (Bnetza)	Hotz	Wolfgang	
Greece	EEAE	Karabetsos	Efthymios	
		Christopoulou	Maria	
	EET	Vlassopoulos	Nikos	X
	Aristotle University of Thessaloniki	Samaras	Theodoros	X
Iceland	Radiation Safety Authority	Gunnarsdóttir	Edda Lína	
Netherlands	Radiocommunications Agency	Wang	Wei	
	Antennebureau	Kruit	Lisette	
Sweden	Radiation Protection Authority	Kawnin	Tanzim	
Switzerland	Office fédéral de l'environnement OFEV	Balsiger	Clara	
	Office fédéral des communications	Trabold	Andre	
		Stempfel-Mohler	Evelyn	
UK	UK Health Security Agency	Calderon	Carolina	X
		Peyman	Azadeh	X
US	FCC	Harrington	Tim	X
		Mathur	Rajat	X
		Tarditi	Alfonso	X
		Doczkat	Martin	X

From: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>
Sent: 14-05-2024 09:33:56 (UTC +01)
To: lpetrillo@environnement.brussels <lpetrillo@environnement.brussels>; tdemuijlder@environnement.brussels <tdemuijlder@environnement.brussels>; b.vatovez@issep.be <b.vatovez@issep.be>; Gallant, Josette (ISED/ISDE) <Josette.Gallant@ised-isde.gc.ca>; yi.pan@ised-isde.gc.ca <yi.pan@ised-isde.gc.ca>; stephane.proulx@ised-isde.gc.ca <stephane.proulx@ised-isde.gc.ca>; greguy.saint-pierre@ised-isde.gc.ca <greguy.saint-pierre@ised-isde.gc.ca>; Anders Ravensborg Beierholm <anrb@sis.dk>; Luis-Miguel.VEGA-FIDALGO@ec.europa.eu <Luis-Miguel.VEGA-FIDALGO@ec.europa.eu>; Chrysanthi.CHOUNTALA@ec.europa.eu <Chrysanthi.CHOUNTALA@ec.europa.eu>; sami.kannala@stuk.fi <sami.kannala@stuk.fi>; MERCKEL Olivier <Olivier.MERCKEL@anses.fr>; alice.kopel@sante.gouv.fr <alice.kopel@sante.gouv.fr>; shanshan.wang@telecom-paris.fr <shanshan.wang@telecom-paris.fr>; joe.wiart@mines.org <joe.wiart@mines.org>; dgeschwentner@bfs.de <dgeschwentner@bfs.de>; Wolfgang.Hotz@BNetzA.de <Wolfgang.Hotz@BNetzA.de>; efthymios.karabetsos@eeae.gr <efthymios.karabetsos@eeae.gr>; maria.christopoulou@eeae.gr <maria.christopoulou@eeae.gr>; NVlassopoulos@EETT.GR <NVlassopoulos@EETT.GR>; theosama@auth.gr <theosama@auth.gr>; edda.l.gunnarsdottir@gr.is <edda.l.gunnarsdottir@gr.is>; wei.wang@rdi.nl <wei.wang@rdi.nl>; lisette.kruit@antennebureau.nl <lisette.kruit@antennebureau.nl>; Tanzim.Kawnine@ssm.se <Tanzim.Kawnine@ssm.se>; clara.balsiger@bafu.admin.ch <clara.balsiger@bafu.admin.ch>; Andre.Trabold@bakom.admin.ch <Andre.Trabold@bakom.admin.ch>; evelyn.stempfel@bag.admin.ch <evelyn.stempfel@bag.admin.ch>; Carolina.Calderon@ukhsa.gov.uk <Carolina.Calderon@ukhsa.gov.uk>; Azadeh.Peyman@ukhsa.gov.uk <Azadeh.Peyman@ukhsa.gov.uk>; Tim.Harrington@fcc.gov <Tim.Harrington@fcc.gov>; Rajat.Mathur@fcc.gov <Rajat.Mathur@fcc.gov>; Alfonso.Tarditi@fcc.gov <Alfonso.Tarditi@fcc.gov>; Martin.Doczkat@fcc.gov <Martin.Doczkat@fcc.gov>
Cc: AGNANI Jean-Benoit <Jean-Benoit.AGNANI@anfr.fr>; LUGUERN Jean-Pierre <Jean-Pierre.LUGUERN@anfr.fr>; DE FARIA Jérôme <Jerome.DEFARIA@anfr.fr>; JAWAD Ourouk <Ourouk.JAWAD@anfr.fr>; OUTAY Adel <Adel.OUTAY@anfr.fr>; PISA Daniel <Daniel.PISA@anfr.fr>; RAMDANI Mehdi <Mehdi.RAMDANI@anfr.fr>; SEFSOUF Lydia <Lydia.SEFSOUF@anfr.fr>; TOUDERT Youssef <Youssef.TOUDERT@anfr.fr>; CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>
Subject: 22nd may International EMF exposure workshop organised by ANFR

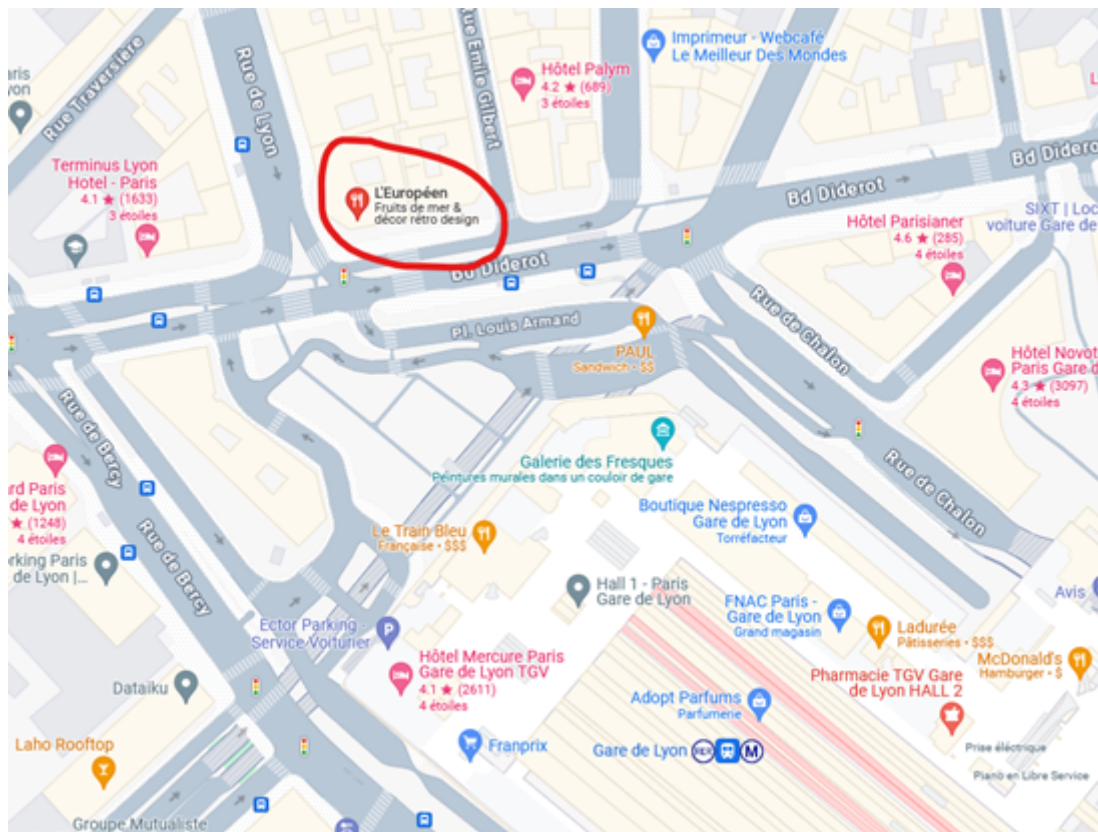
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Emmanuelle

Agence nationale des fréquences

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Tél : + 33 1 45 18 72 67

Mobile : + 33 6 35 38 37 27

emmanuelle.conil@anfr.fr



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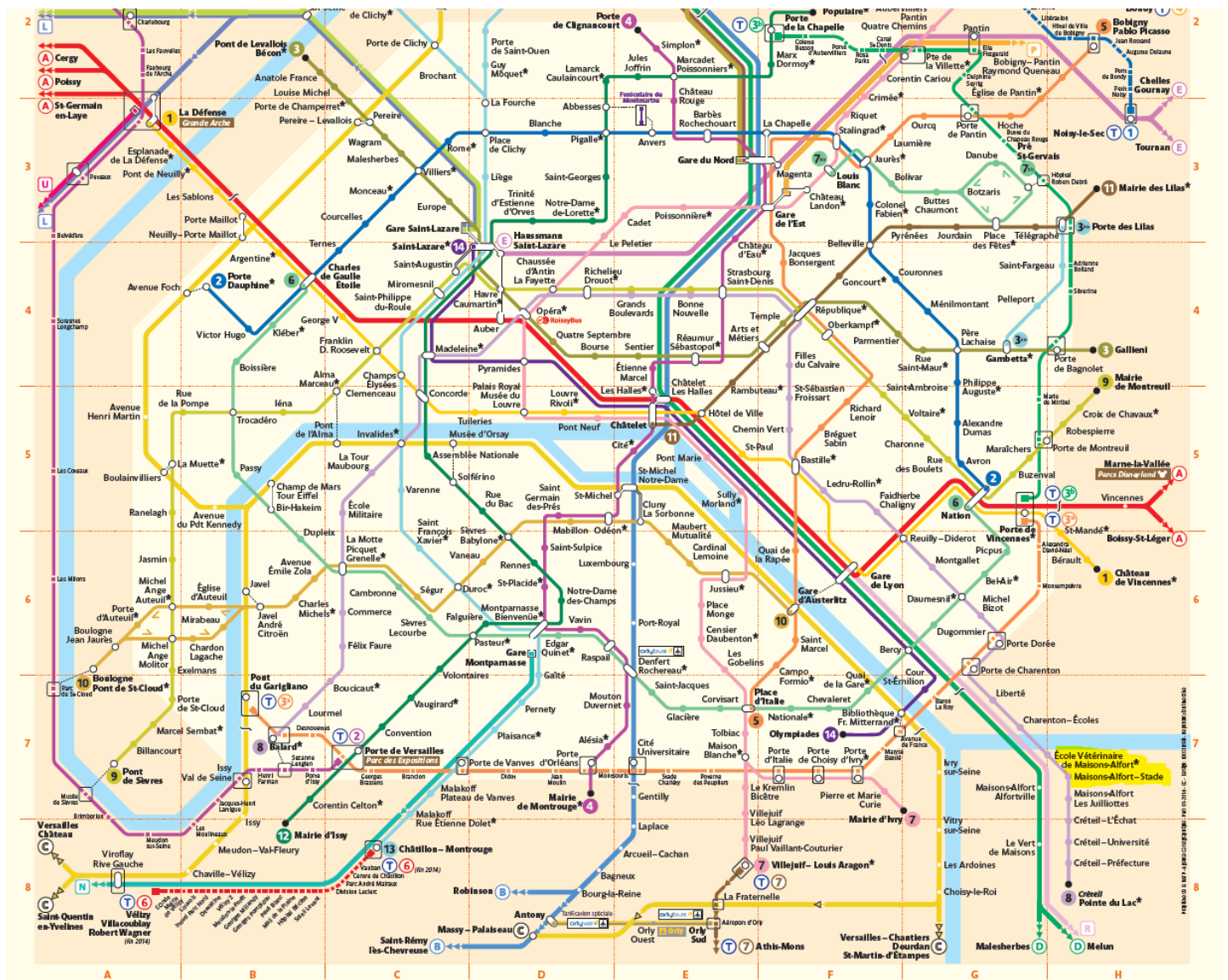
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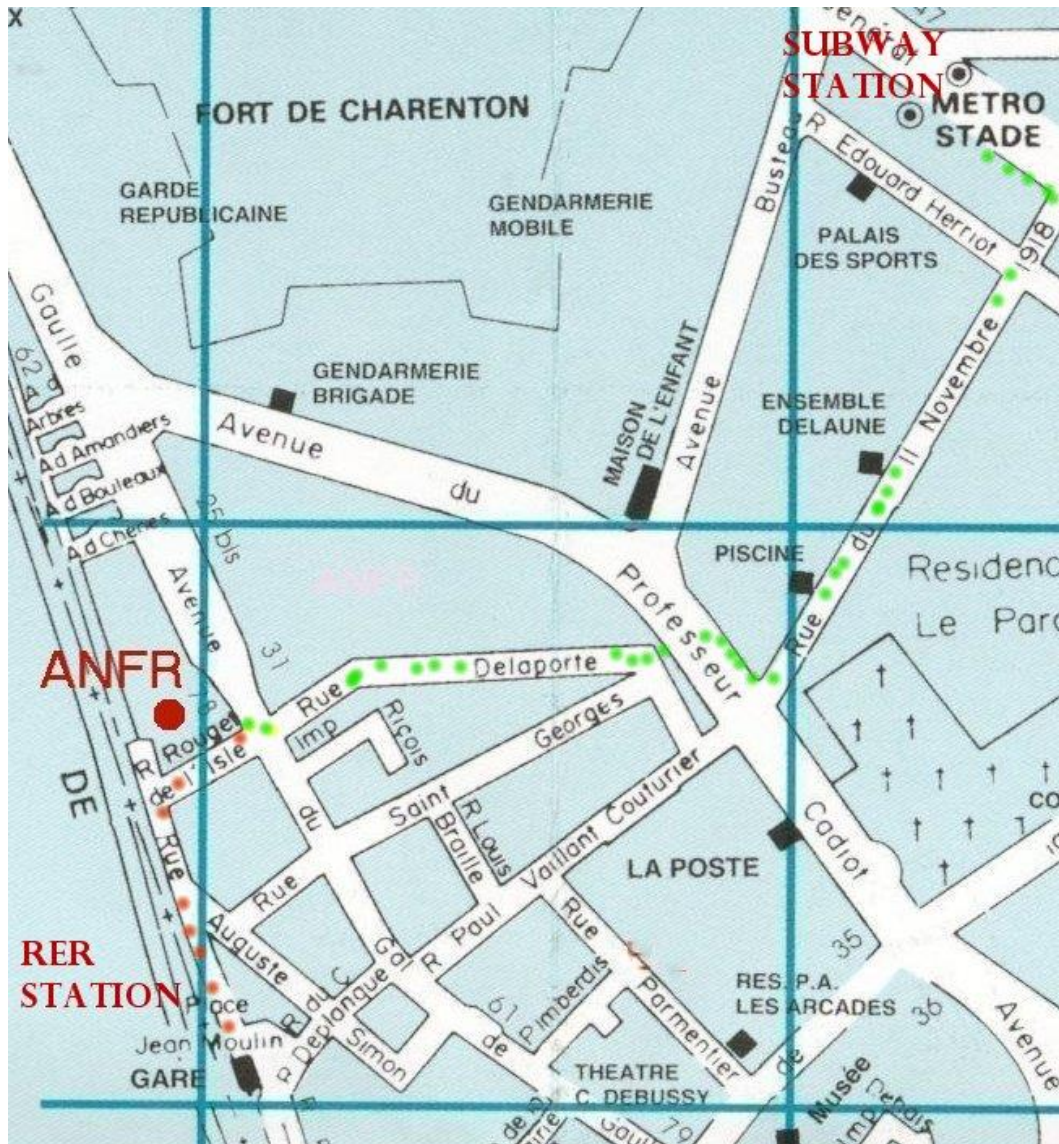
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METRO MAP PARISIAN UNDERGROUND



**WAY FROM METRO OR
RER TO THE ANFR**



General map: MAISON ALFORT



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9:00 AM | (UTC+02:00) Brussels, Copenhagen, Madrid, Paris | 9 hrs

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Meeting password: FcZPHqGq372

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Wednesday, May 22th 2024

ANFR, France

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		De Muijlder	Thomas	
	ISSEP	Vatovez	Benjamin	
Canada	ISED	Gallant	Josette	X
		Pan	Yi	X
		Proulx	Stephane	X
		Saint-Pierre	Greguy	X
Danemark	Danish Health Authority Radiation Protection	Ravnsborg Beierholm	Anders	
EU	DG Grow	Vega-Fidalgo	Luis Miguel	
	JRC	Chountala	Chrysanthi	
Finland	Radiation and Nuclear Safety Authority (STUK)	Kannala	Sami	
France	ANFR – Frequency agency	Agnani	Jean-Benoît	
		Brégant	Gilles	
		Conil	Emmanuelle	
		De Faria	Jérôme	
		Jawad	Ourouk	
		Outay	Adel	
		Pisa	Daniel	
		Ramdani	Mehdi	
		Sefsouf	Lydia	
		Toudert	Youssef	

	ANSES – Health agency	Merckel	Olivier	
	DGS – Health ministry	Kopel	Alice	X
	Télécom Paris Tech	Wang	Shanshan	
		Wiert	Joe	
Germany	Bundesamt für Strahlenschutz (BFS)	Geschwentner	Dirk	
	Bundesnetzagentur (Bnetza)	Hotz	Wolfgang	
Greece	EEAE	Karabetsos	Efthymios	
		Christopoulou	Maria	
	EET	Vlassopoulos	Nikos	X
	Aristotle University of Thessaloniki	Samaras	Theodoros	X
Iceland	Radiation Safety Authority	Gunnarsdóttir	Edda Lína	
Netherlands	Radiocommunications Agency	Wang	Wei	
	Antennebureau	Kruit	Lisette	
Sweden	Radiation Protection Authority	Kawnin	Tanzim	
Switzerland	Office fédéral de l'environnement OFEV	Balsiger	Clara	
	Office fédéral des communications	Trabold	Andre	
		Stempfel-Mohler	Evelyn	
UK	UK Health Security Agency	Calderon	Carolina	X
		Peyman	Azadeh	X
US	FCC	Harrington	Tim	X
		Mathur	Rajat	X
		Tarditi	Alfonso	X
		Doczkat	Martin	X

From: Edda Lína Gunnarsdóttir - GR <edda.l.gunnarsdottir@gr.is>
Sent: 09-05-2024 15:13:15 (UTC +01)
To: Kännälä Sami (STUK) <Sami.Kannala@stuk.fi>; Kawnine, Tanzim <Tanzim.Kawnine@ssm.se>; Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; Anders Ravensborg Beierholm <anrb@sis.dk>; Herlin, Karl <Karl.Herlin2@ssm.se>
Subject: RE: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Dear all,

It is now decided that I will also be attending the ANFR workshop and will be arriving on the 21st. Looking forward to seeing you in Paris!

Best regards,
Edda

From: Kännälä Sami (STUK) <Sami.Kannala@stuk.fi>
Sent: miðvikudagur, 17. apríl 2024 11:33
To: Kawnine, Tanzim <Tanzim.Kawnine@ssm.se>; Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; Anders Ravensborg Beierholm <anrb@sis.dk>; Herlin, Karl <Karl.Herlin2@ssm.se>; Edda Lína Gunnarsdóttir - GR <edda.l.gunnarsdottir@gr.is>
Subject: VS: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

You don't often get email from sami.kannala@stuk.fi. [Learn why this is important](#)

Dear all,

I will also be in Paris on May 21st. See you Tanzim, Karl and Anders in Paris! And for the rest, looking forward to seeing you at Nordic NIR meeting!

Best regards,
Sami

Lähetäjä: Kawnine, Tanzim <Tanzim.Kawnine@ssm.se>
Lähetetty: keskiviikko 17. huhtikuuta 2024 14.00
Vastaanottaja: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; Kännälä Sami (STUK) <Sami.Kannala@stuk.fi>; Anders Ravensborg Beierholm <anrb@sis.dk>
Kopio: Herlin, Karl <Karl.Herlin2@ssm.se>; Edda Lína Gunnarsdóttir <elg@gr.is>
Aihe: SV: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Dear all!

Karl and I are planning to attend the Workshop in Paris and will be there on May 21 already.
See you in about a month!

Cheers!
Tanzim

Från: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>

Skickat: den 17 april 2024 12:32

Till: Kännälä Sami (STUK) <sami.kannala@stuk.fi>; Anders Ravensborg Beierholm <anrb@sis.dk>

Kopia: Herlin, Karl <Karl.Herlin2@ssm.se>; Kawnine, Tanzim <Tanzim.Kawnine@ssm.se>; Edda Lína Gunnarsdóttir <elg@gr.is>

Ämne: SV: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Dear Anders and Sami,

Unfortunately, there will be no participants from Norway at this workshop, but we will see each other at Nordic NIR in Helsinki in September.

Have a nice day!

Best regards,
Tone-Mette

Fra: Kännälä Sami (STUK) <Sami.Kannala@stuk.fi>

Sendt: torsdag 4. april 2024 09:41

Til: Anders Ravensborg Beierholm <anrb@sis.dk>; Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; karl.herlin2 <karl.herlin2@ssm.se>; tanzim.kawnine <tanzim.kawnine@ssm.se>; Edda Lína Gunnarsdóttir <elg@gr.is>

Emne: VS: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Dear all,

I also got the invitation. The workshop seems like a good place to share experiences. I'm planning to attend the workshop.

I attended the 5G workshop at ANFR in 2019. It was a useful workshop. Lauri attended the 2020 workshop.

Best regards,
Sami

Sami Kännälä
Senior Scientist
STUK - Radiation and Nuclear Safety Authority
Non-Ionizing Radiation Surveillance
Jokiniemenkuja 1, 01370 Vantaa
phone +358 9 759 88 531
sami.kannala@stuk.fi
www.stuk.fi

Lähetäjä: Anders Ravensborg Beierholm <anrb@sis.dk>

Lähetetty: tiistai 2. huhtikuuta 2024 22.34

Vastaanottaja: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; Kännälä Sami (STUK) <Sami.Kannala@stuk.fi>; karl.herlin2 <karl.herlin2@ssm.se>; tanzim.kawnine <tanzim.kawnine@ssm.se>; Edda Lína Gunnarsdóttir <elg@gr.is>

Aihe: SV: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Dear all,

We have also received the invitation, and I plan to attend on behalf of SST. I have also forwarded the invitation to the Agency for Data Supply and Infrastructure (the "Danish ANFR", who attended our Nordic 5G workshop at DSA), as it might be relevant for them too.

Best regards,
Anders

Anders Ravnsborg Beierholm

Special Advisor
T (dir.) +45 4454 3455
anrb@sis.dk

Danish Health Authority
Radiation Protection
T +45 4454 3454
sis@sis.dk



**DANISH HEALTH
AUTHORITY**
Radiation Protection

Learn more about how Danish Health Authority processes personal data [here](#).

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Fra: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>

Sendt: 2. april 2024 08:45

Til: Kännälä Sami (STUK) <sami.kannala@stuk.fi>; karl.herlin2 <karl.herlin2@ssm.se>;
tanzim.kawnine <tanzim.kawnine@ssm.se>; Anders Ravnsborg Beierholm <anrb@sis.dk>; Edda Lína
Gunnarsdóttir <elg@gr.is>

Emne: VS: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Dear Nordic colleagues,

Have you received a similar invitation to this one? I have previously participated in two workshops on 5G and EMF exposure that ANFR organized in 2019 and 2020. These were useful workshops with participation from many countries – mostly European but also some from outside Europe. Sami, Lauri, Jimmy and Torsten also attended one or both of these workshops, if I remember correctly.

We have not yet decided whether DSA will participate here or not, but could you please let me know if you are thinking of participating in the workshop in Paris in May?

Best regards,
Tone-Mette

STONE-METTE SJØMOEN
Senior Radiation Protection Adviser

R&D Section

Telephone: +47 67 16 25 66



Switchboard: +47 67 16 25 00

dsa.no

Fra: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>

Sendt: fredag 29. mars 2024 12:36

Til: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; edith.helene.unander@Nkom.no

Emne: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Det er ikke ofte du mottar e-post fra emmanuelle.conil@anfr.fr. Finn ut hvorfor dette er viktig.

Dear all,

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The main topics are:

- National policies, transparency and communication on public EMF exposure
- SAR market surveillance activities
- SAR standardisation activities

A large part of the workshop will be dedicated to discussion. The objectives are to promote contacts and exchanges. ANFR will be pleased if you or someone of Norwegian administration would accept to participate.

From a practical point of view, this workshop will take place on Wednesday, May 22nd in ANFR facilities in the immediate proximity of Paris.

We look forward to your answer. Of course do not hesitate to contact us for further details.

Yours sincerely,
Emmanuelle Conil

Agence nationale des fréquences

Tél: +33 6 35 38 37 27

www.anfr.fr

www.cartoradio.fr



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From: Anders Ravensborg Beierholm <>
Sent: 17-04-2024 21:38:46 (UTC +01)
To: 'CONIL Emmanuelle' <Emmanuelle.CONIL@anfr.fr>
Subject: SV: 22nd may International workshop on EMF exposure organised by ANFR

Dear Emmanuelle,

Thank you for the additional information. I can contribute to the first panel discussion by giving a short presentation on national policies, transparency and communication from a Danish perspective.

I arrive in Paris on the 21st, so I would like to attend the dinner.

Best regards,
Anders

Anders Ravensborg Beierholm

Special Advisor
T (dir.) +45 4454 3455
anrb@sis.dk

Danish Health Authority
Radiation Protection
T +45 4454 3454
sis@sis.dk



Learn more about how Danish Health Authority processes personal data [here](#).

[LinkedIn](#) • [Facebook](#) • [X](#) • sst.dk

Fra: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>
Sendt: 17. april 2024 10:38
Til: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>
Emne: 22nd may International workshop on EMF exposure organised by ANFR

Dear participant,

ANFR is pleased to welcome you to this workshop dedicated to administrations in charge of EMF exposure topics.

If you wish to give a short presentation (10 minutes) on a specific subject during a panel discussion, please let me know.

Please find attached access maps to join ANFR facilities.

If you plan to arrive a day before the workshop, please find attached a list of hotels in the vicinity of ANFR facilities.

For those arriving on the evening of 21st, I suggest we meet for dinner at the brasserie “L’Européen” close to Gare de Lyon at 7:30 pm on Tuesday 21st. Please let me know if you would be interested in this informal dinner.

I look forward to seeing you.

Emmanuelle



Agence nationale des fréquences
78, avenue du Général de Gaulle, 94704 MAISONS-ALFORT
Tél : + 33 1 45 18 72 67
Mobile : + 33 6 35 38 37 27
emmanuelle.conil@anfr.fr

anfr.fr | 5g.anfr.fr | recevoirlatnt.fr | cartoradio.fr



From: Anders Ravensborg Beierholm <>
Sent: 17-04-2024 13:41:40 (UTC +01)
To: 'Kännälä Sami (STUK)' <Sami.Kannala@stuk.fi>; Kawnine, Tanzim <Tanzim.Kawnine@ssm.se>; Herlin, Karl <Karl.Herlin2@ssm.se>
Subject: SV: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Dear Sami, Tanzim and Karl,

That sounds good. I will also be in Paris on the 21st. See you there ☐

Best regards,
Anders

Fra: Kännälä Sami (STUK) <Sami.Kannala@stuk.fi>
Sendt: 17. april 2024 13:33
Til: Kawnine, Tanzim <Tanzim.Kawnine@ssm.se>; Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; Anders Ravensborg Beierholm <anrb@sis.dk>; Herlin, Karl <Karl.Herlin2@ssm.se>; Edda Lína Gunnarsdóttir <elg@gr.is>
Emne: VS: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Dear all,

I will also be in Paris on May 21st. See you Tanzim, Karl and Anders in Paris! And for the rest, looking forward to seeing you at Nordic NIR meeting!

Best regards,
Sami

Lähetäjä: Kawnine, Tanzim <Tanzim.Kawnine@ssm.se>
Lähetetty: keskiviikko 17. huhtikuuta 2024 14.00
Vastaanottaja: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; Kännälä Sami (STUK) <Sami.Kannala@stuk.fi>; Anders Ravensborg Beierholm <anrb@sis.dk>
Kopio: Herlin, Karl <Karl.Herlin2@ssm.se>; Edda Lína Gunnarsdóttir <elg@gr.is>
Aihe: SV: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Dear all!

Karl and I are planning to attend the Workshop in Paris and will be there on May 21 already.
See you in about a month!

Cheers!
Tanzim

Från: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>
Skickat: den 17 april 2024 12:32
Till: Kännälä Sami (STUK) <sami.kannala@stuk.fi>; Anders Ravensborg Beierholm <anrb@sis.dk>

Kopia: Herlin, Karl <Karl.Herlin2@ssm.se>; Kawnine, Tanzim <Tanzim.Kawnine@ssm.se>; Edda Lína Gunnarsdóttir <elg@gr.is>

Ämne: SV: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Dear Anders and Sami,

Unfortunately, there will be no participants from Norway at this workshop, but we will see each other at Nordic NIR in Helsinki in September.

Have a nice day!

Best regards,
Tone-Mette

Fra: Kännälä Sami (STUK) <Sami.Kannala@stuk.fi>

Sendt: torsdag 4. april 2024 09:41

Til: Anders Ravensborg Beierholm <anrb@sis.dk>; Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; karl.herlin2 <karl.herlin2@ssm.se>; tanzim.kawnine <tanzim.kawnine@ssm.se>; Edda Lína Gunnarsdóttir <elg@gr.is>

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I attended the 5G workshop at ANFR in 2019. It was a useful workshop. Lauri attended the 2020 workshop.

Best regards,
Sami

Sami Kännälä
Senior Scientist
STUK - Radiation and Nuclear Safety Authority
Non-Ionizing Radiation Surveillance
Jokiniemenkuja 1, 01370 Vantaa
phone +358 9 759 88 531
sami.kannala@stuk.fi
www.stuk.fi

Lähetäjä: Anders Ravensborg Beierholm <anrb@sis.dk>

Lähetetty: tiistai 2. huhtikuuta 2024 22.34

Vastaanottaja: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; Kännälä Sami (STUK) <Sami.Kannala@stuk.fi>; karl.herlin2 <karl.herlin2@ssm.se>; tanzim.kawnine <tanzim.kawnine@ssm.se>; Edda Lína Gunnarsdóttir <elg@gr.is>

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Dear all,

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Best regards,
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Anders Ravnsborg Beierholm

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Radiation Protection

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Fra: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>

Sendt: 2. april 2024 08:45

Til: Kännälä Sami (STUK) <sami.kannala@stuk.fi>; karl.herlin2 <karl.herlin2@ssm.se>;
tanzim.kawnine <tanzim.kawnine@ssm.se>; Anders Ravnsborg Beierholm <anrb@sis.dk>; Edda Lína
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We have not yet decided whether DSA will participate here or not, but could you please let me know if you are thinking of participating in the workshop in Paris in May?

Best regards,
Tone-Mette

STONE-METTE SJØMOEN

Senior Radiation Protection Adviser

R&D Section
Telephone: +47 67 16 25 66



Switchboard: +47 67 16 25 00

dsa.no

Fra: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>

Sendt: fredag 29. mars 2024 12:36

Til: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; edith.helene.unander@Nkom.no

Emne: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

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We look forward to your answer. Of course do not hesitate to contact us for further details.

Yours sincerely,
Emmanuelle Conil

Agence nationale des fréquences

Tél: +33 6 35 38 37 27

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From: Kawnine, Tanzim <Tanzim.Kawnine@ssm.se>
Sent: 17-04-2024 12:59:36 (UTC +01)
To: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; Kännälä Sami (STUK) <sami.kannala@stuk.fi>; Anders Ravnsborg Beierholm <anrb@sis.dk>
Cc: Herlin, Karl <Karl.Herlin2@ssm.se>; Edda Lína Gunnarsdóttir <elg@gr.is>
Subject: SV: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

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Skickat: den 17 april 2024 12:32
Till: Kännälä Sami (STUK) <sami.kannala@stuk.fi>; Anders Ravnsborg Beierholm <anrb@sis.dk>
Kopia: Herlin, Karl <Karl.Herlin2@ssm.se>; Kawnine, Tanzim <Tanzim.Kawnine@ssm.se>; Edda Lína Gunnarsdóttir <elg@gr.is>
Ämne: SV: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Dear Anders and Sami,

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Have a nice day!

Best regards,
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Fra: Kännälä Sami (STUK) <Sami.Kannala@stuk.fi>
Sendt: torsdag 4. april 2024 09:41
Til: Anders Ravnsborg Beierholm <anrb@sis.dk>; Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; karl.herlin2 <karl.herlin2@ssm.se>; tanzim.kawnine <tanzim.kawnine@ssm.se>; Edda Lína Gunnarsdóttir <elg@gr.is>
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Best regards,
Sami

Sami Kännälä
Senior Scientist
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phone +358 9 759 88 531
sami.kannala@stuk.fi
www.stuk.fi

Lähetäjä: Anders Ravensborg Beierholm <anrb@sis.dk>

Lähetetty: tiistai 2. huhtikuuta 2024 22.34

Vastaanottaja: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; Kännälä Sami (STUK) <Sami.Kannala@stuk.fi>; karl.herlin2 <karl.herlin2@ssm.se>; tanzim.kawnine <tanzim.kawnine@ssm.se>; Edda Lína Gunnarsdóttir <elg@gr.is>

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Fra: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>

Sendt: 2. april 2024 08:45

Til: Kännälä Sami (STUK) <sami.kannala@stuk.fi>; karl.herlin2 <karl.herlin2@ssm.se>; tanzim.kawnine <tanzim.kawnine@ssm.se>; Anders Ravensborg Beierholm <anrb@sis.dk>; Edda Lína

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Emne: VS: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

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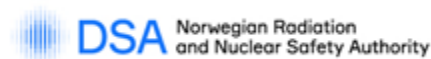
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R&D Section
Telephone: +47 67 16 25 66



Switchboard: +47 67 16 25 00
dsa.no

Fra: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>

Sendt: fredag 29. mars 2024 12:36

Til: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; edith.helene.unander@Nkom.no

Emne: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

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[Behandling av personuppgifter](#)

From: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>
Sent: 17-04-2024 12:32:18 (UTC +01)
To: Kännälä Sami (STUK) <sami.kannala@stuk.fi>; Anders Ravensborg Beierholm <anrb@sis.dk>
Cc: karl.herlin2 <karl.herlin2@ssm.se>; tanzim.kawnine <tanzim.kawnine@ssm.se>; Edda Lína Gunnarsdóttir <elg@gr.is>
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Lähetäjä: Anders Ravensborg Beierholm <anrb@sis.dk>
Lähetetty: tiistai 2. huhtikuuta 2024 22.34
Vastaanottaja: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; Kännälä Sami (STUK) <Sami.Kannala@stuk.fi>; karl.herlin2 <karl.herlin2@ssm.se>; tanzim.kawnine <tanzim.kawnine@ssm.se>; Edda Lína Gunnarsdóttir <elg@gr.is>
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Til: Kännälä Sami (STUK) <sami.kannala@stuk.fi>; karl.herlin2 <karl.herlin2@ssm.se>;
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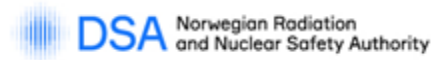
Best regards,
Tone-Mette

STONE-METTE SJØMOEN

Senior Radiation Protection Adviser

R&D Section

Telephone: +47 67 16 25 66



Switchboard: +47 67 16 25 00

dsa.no

Fra: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>

Sendt: fredag 29. mars 2024 12:36

Til: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; edith.helene.unander@Nkom.no

Emne: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Det er ikke ofte du mottar e-post fra emmanuelle.conil@anfr.fr. Finn ut hvorfor dette er viktig.

Dear all,

Surveillance of exposure to electromagnetic fields (EMF) is a concern of many policy makers. To share experience, ANFR is pleased to invite you to participate to a one-day workshop in Paris. The workshop is intended for public administrations to share views on EMF exposure.

The main topics are:

- National policies, transparency and communication on public EMF exposure
- SAR market surveillance activities
- SAR standardisation activities

A large part of the workshop will be dedicated to discussion. The objectives are to promote contacts and exchanges. ANFR will be pleased if you or someone of Norwegian administration would accept to participate.

From a practical point of view, this workshop will take place on Wednesday, May 22nd in ANFR facilities in the immediate proximity of Paris.

We look forward to your answer. Of course do not hesitate to contact us for further details.

Yours sincerely,
Emmanuelle Conil

Agence nationale des fréquences

Tél: +33 6 35 38 37 27

www.anfr.fr

www.cartoradio.fr



Jos tätä viestiä ei ole tarkoitettu sinulle, älä ilmaise tai käytä hyväksesi viestin sisältöä tai tietoa viestin olemassaolosta (laki sähköisen viestinnän palveluista 136 §). Ilmoita viestistä lähettäjälle ja poista viesti.

Om det här meddelandet inte är avsett för dig, får du inte röja eller utnyttja meddelandets innehåll eller uppgifterna om meddelandets existens (lag om tjänster inom elektronisk kommunikation 136 §). Informera avsändaren och radera meddelandet.

If this message is not intended for you, do not disclose or make use of its content, or the knowledge of its existence (Act on Electronic Communications Services, Section 136). Inform the sender and delete.

From: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>
Sent: 17-04-2024 10:38:23 (UTC +01)
To: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>
Subject: 22nd may International workshop on EMF exposure organised by ANFR

Dear participant,

ANFR is pleased to welcome you to this workshop dedicated to administrations in charge of EMF exposure topics.

If you wish to give a short presentation (10 minutes) on a specific subject during a panel discussion, please let me know.

Please find attached access maps to join ANFR facilities.

If you plan to arrive a day before the workshop, please find attached a list of hotels in the vicinity of ANFR facilities.

For those arriving on the evening of 21st, I suggest we meet for dinner at the brasserie "L'Européen" close to Gare de Lyon at 7:30 pm on Tuesday 21st. Please let me know if you would be interested in this informal dinner.

I look forward to seeing you.

Emmanuelle



Agence nationale des fréquences
78, avenue du Général de Gaulle, 94704 MAISONS-ALFORT
Tél : + 33 1 45 18 72 67
Mobile : + 33 6 35 38 37 27
emmanuelle.conil@anfr.fr

anfr.fr | 5g.anfr.fr | recevoirlatnt.fr | cartoradio.fr



ACCESS MAP TO ANFR IN MAISONS ALFORT

"Agence nationale des fréquences"

78 Avenue du Général de Gaulle 94704 Maisons-Alfort

Phone: + 33 1 45 18 72 08 / Fax: + 33 1 45 18 73 13

By RER (express train):

From Paris "Gare du Nord" or "Chatelet" or "Gare de Lyon" stations, take the **RER D** (south) and get off at the "Maisons-Alfort" station.

From the "Maisons-Alfort" station, the ANFR is at 3 minutes walking distance (on the left hand side when going out of the station through the garden). **Follow red points on the map.**

By Metro:

Line n°8 (Balard-Créteil) in direction of "Créteil Préfecture".

Get off at the "Maisons alfort Stade" station (10' minutes walk, west direction). **Follow green points on the map.**

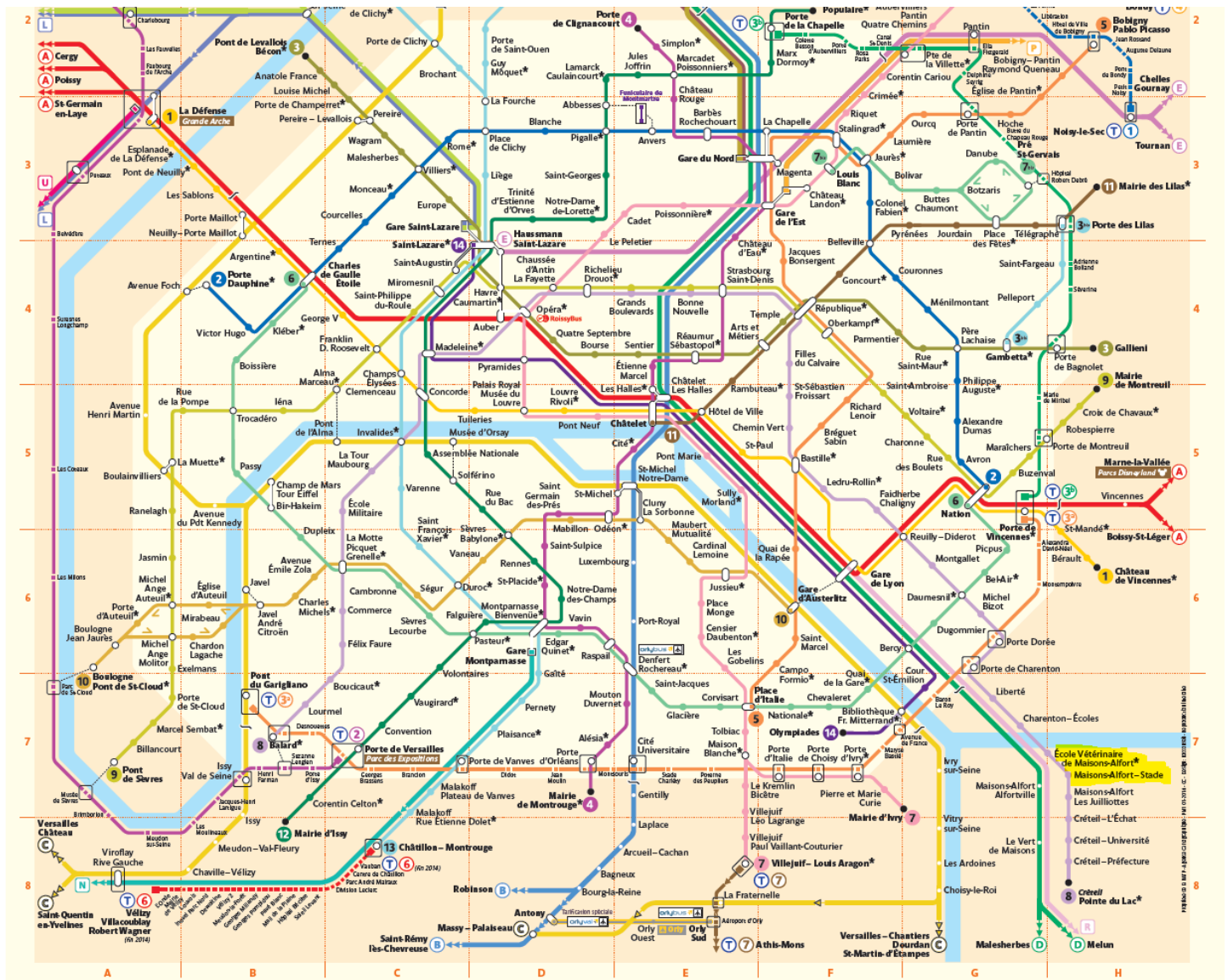
By Car:

On the Ring Road, at the exit "Porte de Bercy", take the A4 highway in direction of "Créteil, Metz-Nancy". Maisons-Alfort is the first exit. Turn on the right and cross the Marne river. Go straight ahead on the "avenue du Général de Gaulle" in direction of "Maisons-Alfort Centre".

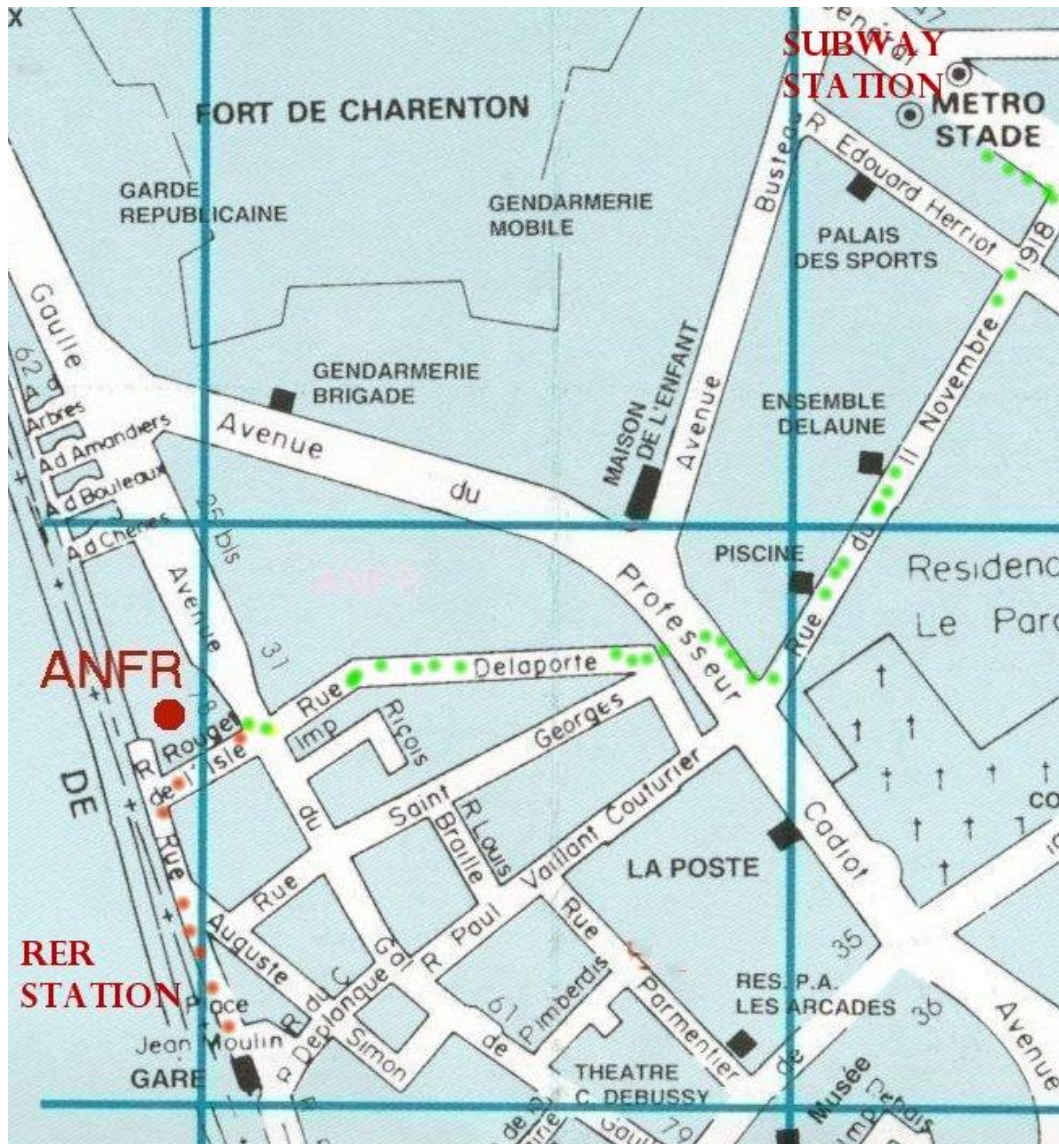
The ANFR is at about 2 km from the exit.



METRO MAP PARISIAN UNDERGROUND



WAY FROM METRO OR RER TO THE ANFR



General map: MAISON ALFORT



LIST OF HOTELS IN PARIS (around Gare de Lyon), IN MAISONS-ALFORT, and AROUND

**How to locate an address: <http://www27.mappy.com/?lang=en>
(informations are given without guarantee)**

HOTELS in PARIS (Gare de Lyon) - One RER D station from ANFR facilities

· LES TROIS GARES ***

1 rue Jules César
75012 PARIS
Phone: +33 (0)1 43 43 01 70
Fax: +33 (0)1 43 41 36 58

Email: h3g@wanadoo.fr
<https://www.h3gparis.com/en/>

· PALYM HOTEL ***

4 rue Emile Gilbert
75012 PARIS
Phone: +33 (0)1 43 43 24 48

Email: infos@hotel-palym.com
<https://www.paris-hotel-palym.com/en/>

· MARCEAU ****

5 rue Jules César
75012 PARIS
Phone: +33 (0)1 43 43 11 65

Email: bookings@hotelmarseaubastille.com
<https://www.hotelmarseaubastille.com/en/>

· LUX HOTEL **

8, avenue de Corbera
75012 PARIS
Phone: +33 (0)1 43 43 42 84
Fax: +33 (0)1 43 43 14 45

Email: hotellux@orange.fr
http://www.paris-paris.com/hotel/lux_hotel.php

LUX HOTEL PICPUS **

74, boulevard de Picpus
75012 PARIS
Phone: +33 (0)1 43 43 08 46
Fax: +33 (0)1 43 43 05 22

Email: contact@luxhotel.fr
<https://www.lux-hotel-picpus.com/en/>

· HOTEL AURORE ***

13 rue Traversière
75012 PARIS
Phone: +33 (0)1 43 43 54 12

Email: contact@hotel-aurore.com
<https://www.paris-hotel-aurore.com/en/>

· HOTEL TRIANON ***

52 Boulevard Diderot
75012 PARIS
Phone: +33 (0)1 43 43 90 72

Email: reception@trianongaredelyon.com
<http://www.trianongaredelyon.com/en/>

· HOTEL BASTILLE-LYON PARIS ***

23 Rue de Lyon
75012 PARIS
Phone: +33 (0)1 86 90 48 80

Email: info@9hotelbastillelyon.com
<https://www.9-hotel-bastille-lyon.fr/en/>

· LUXOR BASTILLE HOTEL **

22 rue Moreau
75012 PARIS
Phone: +33 (0)1 43 43 34 82
Fax: +33 (0)1 44 75 80 73

Email: luxor.hotel@orange.fr
<https://www.luxorbastillehotel.fr/>

· HOTEL PARIS-BERCY *

21, rue de Wattignies
75012 PARIS
Phone: +33 (0)1 43 43 31 91
Fax: +33 (0)1 43 44 33 40

Email: hotel.paris.bercy@wanadoo.fr
<https://www.paris-bercy-hotel.com/en/>

MERCURE PARIS GARE DE LYON OPERA BASTILLE****

3 rue Parrot

75012 PARIS

Phone: +33 (0)1 43 43 41 52

Fax: +33 (0)1 43 43 81 16

Email: hb6f9@accor.com

<https://all.accor.com/hotel/B6F9/index.en.shtml>

HOTELS in MAISONS-ALFORT

· Aparthotel ADAGIO access Maisons Alfort

13 Rue Eugène Renault

94700 MAISONS ALFORT

Phone: +33 (0)1 41 79 70 00

Fax: +33 (0)1 41 79 70 01

Email: H8413@adagio-city.com

<https://urlz.fr/kPCQ>

At a walking distance of the ANFR 15'

Subway : école vétérinaire – line 8

· AU PETIT CAPORAL***

18 Avenue du Général De Gaulle

94704 MAISONS-ALFORT

Phone: +33 (0)1 43 68 10 85

Email: contact@hotelpetitcaporal.com

<http://www.hotelpetitcaporal.com/hotel/>

At a walking distance of the ANFR 15'

Subway: école vétérinaire – line 8

· LE GRAND ALBERT 1ER **

1-5 Avenue du Général De Gaulle

94700 MAISONS-ALFORT

Phone : +33 (0)1 53 66 87 96

Email: hotelgrandalbert@gmail.com

<https://www.hotelgrandalbert.com/en/>

Located face to the « petit caporal »)

· HOTEL DES BAINS**

132 Rue Jean Jaurès

94700 MAISONS-ALFORT

Phone : +33 (0)1 43 75 78 09

<http://www.hoteldesbains-94.fr/>

**(at a walking distance of the ANFR and RER station,
near the city hall, 10 minutes)**

· HOTEL MODERNE*

19 Bis rue Parmentier

94700 MAISONS-ALFORT

Phone: +33 (0)9 74 56 76 67

<http://www.hotel-maisonsalfort.fr/>

**(at a walking distance of the ANFR and RER station,
near the city hall, 10 minutes)**

HOTEL in ALFORTVILLE

· HUATIAN CHINAGORA HOTEL ***

1 Place du Confluent France-Chine

94140 ALFORTVILLE

Phone: +33 (0)1 43 53 58 88

Fax: +33 (0)1 49 77 57 17

Email: hotel@huatian-chinagora.fr

<https://www.huatian-chinagora.fr/>

(at a walking distance of the ANFR : 25 ‘)

HOTEL in CHARENTON-LE-PONT

· NOVOTEL PARIS SUD PORTE DE CHARENTON *****

3-5 Place de Marseillais

94227 CHARENTON-LE-PONT

Phone: +33 (0)1 46 76 60 60

Fax: +33 (0)1 49 77 68 00

Email: H1549@accor.com

https://all.accor.com/hotel/1549/index.en.shtml?utm_campaign=seo+maps&utm_medium=seo+maps&utm_source=google+Maps

20’ subway+walk line 8 until “maisons alfort stade”

HOTEL in SAINT-MAURICE

· HOTEL KYRIAD PARIS EST – BOIS DE VINCENNES ***

12 rue du Maréchal Leclerc

94410 SAINT-MAURICE

Phone: +33 (0)1 43 75 94 94

Email: paris.est.stmaurice@kyriad.fr

<https://paris-est-bois-de-vincennes.kyriad.com/en-us/>

25’ Walk (cross highway A4 and go south)

From: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>
Sent: 08-04-2024 15:54:10 (UTC +01)
To: Anders Ravnsborg Beierholm <anrb@sis.dk>
Subject: RE: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Dear Anders

I was very pleased to read that you plan to attend our workshop.

Please find attached a draft agenda.

Best

Emmanuelle

De : Anders Ravnsborg Beierholm <anrb@sis.dk>

Envoyé : jeudi 4 avril 2024 11:17

À : CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>

Objet : SV: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Dear Emmanuelle,

Many thanks for the workshop invitation. I plan to participate on behalf of the Danish Health Authority, Radiation Protection. I attended the 5G workshop at ANFR in February 2020 and found it highly valuable.

At what time do you expect the workshop to start on the 22nd? As far as I recall, the previous workshop was from 9 am to 5 pm, do you expect something similar?

Best regards,

Anders Ravnsborg Beierholm

Special Advisor

T (dir.) +45 4454 3455

anrb@sis.dk

Danish Health Authority

Radiation Protection

T +45 4454 3454

sis@sis.dk



**DANISH HEALTH
AUTHORITY**
Radiation Protection

Learn more about how Danish Health Authority processes personal data [here](#).

[LinkedIn](#) • [Facebook](#) • [X](#) • sst.dk

Fra: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>

Sendt: 29. marts 2024 12:34

Til: Anders Ravensborg Beierholm <anrb@sis.dk>

Emne: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Dear all,

Surveillance of exposure to electromagnetic fields (EMF) is a concern of many policy makers. To share experience, ANFR is pleased to invite you to participate to a one-day workshop in Paris. The workshop is intended for public administrations to share views on EMF exposure.

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We look forward to your answer. Of course do not hesitate to contact us for further details.

Yours sincerely,
Emmanuelle Conil

Agence nationale des fréquences

Tél: +33 6 35 38 37 27

www.anfr.fr

www.cartoradio.fr



INTERNATIONAL TECHNICAL WORKSHOP ON EMF EXPOSURE FOR ADMINISTRATIONS

AGENDA

Wednesday, May 22th 2024

ANFR

78 avenue du Général de Gaulle, 94700 Maisons-Alfort, France

9:00	Registration, welcome coffee
9:30	Welcome address, objective of the seminar
9:45	Introduction by EU commission <i>Luis Miguel Vega Fidalgo, Policy Officer, DG GROW</i>
10:00	View of the French health agency ANSES on EMF exposure <i>Olivier Merckel</i>
10:45	Break
11 :00	Panel discussion on national policies, transparency and communication
12:00	Panel discussion on SAR market surveillance activities
13:00	Lunch
14:30	European EMF Health Cluster <i>Theodoros Samaras, coordinator of Seawave project, past coordinator of CLUE-H cluster</i>
15:15	Panel discussion on standardization activities
16:15	Concluding remarks
16:45	End of workshop

From: Anders Ravensborg Beierholm <>
Sent: 04-04-2024 11:16:54 (UTC +01)
To: 'CONIL Emmanuelle' <Emmanuelle.CONIL@anfr.fr>
Subject: SV: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Dear Emmanuelle,

Many thanks for the workshop invitation. I plan to participate on behalf of the Danish Health Authority, Radiation Protection. I attended the 5G workshop at ANFR in February 2020 and found it highly valuable.

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Best regards,

Anders Ravensborg Beierholm
Special Advisor
T (dir.) +45 4454 3455
anrb@sis.dk

Danish Health Authority
Radiation Protection
T +45 4454 3454
sis@sis.dk



Learn more about how Danish Health Authority processes personal data [here](#).

[LinkedIn](#) • [Facebook](#) • [X](#) • [sst.dk](#)

Fra: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>
Sendt: 29. marts 2024 12:34
Til: Anders Ravensborg Beierholm <anrb@sis.dk>
Emne: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

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Tél: +33 6 35 38 37 27

www.anfr.fr

www.cartoradio.fr



From: Anders Ravensborg Beierholm <>
Sent: 04-04-2024 11:04:56 (UTC +01)
To: Gregers Koldby Nielsen <gkn@sdfi.dk>
Subject: SV: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Kære Gregers,

Det er selvfølgelig helt OK og fuldt forståeligt. Tusind tak for præsentationen; jeg holder dig orienteret om workshoppen og sender dig et lille referat, når den er afholdt.

Mvh Anders

Anders Ravensborg Beierholm

Specialkonsulent
T (dir.) +45 4454 3455
anrb@sis.dk

Sundhedsstyrelsen
Strålebeskyttelse
T +45 4454 3454
sis@sis.dk



Læs [her](#) om hvordan Sundhedsstyrelsen behandler personoplysninger.

[LinkedIn](#) • [Facebook](#) • [X](#) • sst.dk

Fra: Gregers Koldby Nielsen <gkn@sdfi.dk>
Sendt: 4. april 2024 11:01
Til: Anders Ravensborg Beierholm <anrb@sis.dk>
Cc: Lars Iver Lind Jensen <lvel@sdfi.dk>; Pernille Springborg <psp@sdfi.dk>
Emne: SV: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Kære Anders

Tak for at ringe tilbage vedrørende denne, når jeg nu ikke havde fået svaret dig endnu.

Som sagt har vi afvejet den økonomiske vinkel ved at deltage i mødet i Paris og det mulige udbytte over for hinanden. Vi har vurderet, at SDFI ikke deltager. Vi har, som jeg nævnte, ret gode indikationer om hvad der forventes at blive drøftet under punkt 2 og 3.

I forhold til første punkt har vi i Danmark jo haft Aalborg Universitet til at foretage en undersøgelse af strålingsniveauerne på forskellige lokationer, hvor mennesker færdes og opholder sig. Du husker sikkert rapporten, som stadig findes på vores hjemmeside:

<https://sdfi.dk/digital-infrastruktur/frekvenser/fakta-om-5g-og-mobilstraaling-/rapport-om-mobilstraaling>

Jeg har haft præsenteret rapporten for internationale kollegaer i det forum, der hedder "ADCO RED" (Administrative Cooperation on the Radio Equipment Directive) og jeg har vedhæftet den præsentation jeg brugte, så du har bedre mulighed for at tage ordet, såfremt der kommer en bordrunde eller lignende. Du må bruge indholdet som det passer dig – eller helt undlade at anvende det.

Med venlig hilsen

Gregers

Fra: Anders Ravensborg Beierholm <anrb@sis.dk>

Sendt: 29. marts 2024 20:21

Til: Gregers Koldby Nielsen <gkn@sdfi.dk>

Emne: Fwd: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Kære Gregers,

Jeg håber, at du nyder påsken.

Vi har med kort varsel modtaget denne invitation fra ANFR til en workshop i Paris. Måske den også kunne være relevant for jer?

Mvh Anders

----- Videresendt meddelelse -----

Fra: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>

Dato: 29. marts 2024 kl. 12.34.28 CET

Emne: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Til: Anders Ravensborg Beierholm <anrb@sis.dk>

Dear all,

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Yours sincerely,
Emmanuelle Conil

Agence nationale des fréquences

Tél: +33 6 35 38 37 27

www.anfr.fr

www.cartoradio.fr



From: Gregers Koldby Nielsen <gkn@sdfi.dk>
Sent: 04-04-2024 11:00:33 (UTC +01)
To: Anders Ravensborg Beierholm <anrb@sis.dk>
Cc: Lars Iver Lind Jensen <lvel@sdfi.dk>; Pernille Springborg <psp@sdfi.dk>
Subject: SV: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Kære Anders

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Med venlig hilsen

Gregers

Fra: Anders Ravensborg Beierholm <anrb@sis.dk>
Sendt: 29. marts 2024 20:21
Til: Gregers Koldby Nielsen <gkn@sdfi.dk>
Emne: Fwd: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Kære Gregers,

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Mvh Anders

----- Videresendt meddelelse -----

Fra: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>

Dato: 29. marts 2024 kl. 12.34.28 CET

Emne: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Til: Anders Ravnsborg Beierholm <anrb@sis.dk>

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Yours sincerely,
Emmanuelle Conil

Agence nationale des fréquences

Tél: +33 6 35 38 37 27

www.anfr.fr

www.cartoradio.fr



Research paper

The radiation levels in
Denmark are far below the
safety limits

The reasoning behind the execution of the paper

Results and conclusion



Electromagnetic Fields

Gert Frølund Pedersen
and
Jesper Ødum Nielsen

November 2022

Antennas, Propagation and Millimetre-Wave
Systems Section

“Based on the study it is very safe to conclude that even many new wireless services are introduced and used, the exposure for the sum of all the electromagnetic fields is very low compared to the safety limits. At all locations the measured exposure was at least 500 times below the safety limit.”

Gert Frølund Pedersen and Jesper Ødum Nielsen
Conclusion on the paper



The reason behind the execution of the paper

Radiation levels and supervision by the SDFI

SDFI wanted to investigate the electromagnetic fields (EMF) in the entire frequency range 450 MHz to 6 GHz over a longer measurement period to ensure that the measurements include all the wireless technologies that we encounter in everyday life.

Wireless technologies such as mobile phones, WiFi, Bluetooth, TV transmission.

Measurements over a longer period of time.

Investigation of the power density

The measurements were carried out at locations where people reside in every day situations, and where we use varying degrees of wireless technologies – especially mobile phones.

The measurements were made in private homes (apartments and houses), in an office, in a café, a shopping center, a football stadium, in a bus, in a train station and an airport.



Facts

- 22 different locations
- Various kinds of wireless communication
- Locations, mobile operators & frequency
- Frequency band between 450 MHz and 6 GHz
- 67 different sub-bands





Foto AAU

Results and conclusion

For all 22 locations, the measured EMF power densities are only a small fraction of the safe limits defined.

The highest measured value is 0,164 % of the safe limit or approximately 600 times smaller than the limit.

- The highest value was found for a single location “Salling Rooftop,” which is an outdoor bar and skywalk area where a cellular network base station is mounted close by.
- For all other locations the measured densities were even smaller, with the 2nd largest being more than 3700 times smaller than the limit (0.0027%).
- There is a small variation depending of the time of day.

Measurements on Salling Roof Top

- the paper and measurements by the operators

- The Danish Telecommunications Industry Association has measured the site in 2022 and 2023
- 8,75 % og 6,06 %
- Changing of antennas (TT)
- 800 MHz fell from 5,7 % to 1,7 %



Målepunkt 5 i sydvest hjørne

Foto Rambøll



Communication

The paper (in English) has been published along with an introduction.

Audience

- The public and authorities (municipalities)
- Professional stakeholders and public authorities with special interest in the subject
- Concerned citizens and organisations

From: Kännälä Sami (STUK) <Sami.Kannala@stuk.fi>
Sent: 04-04-2024 09:40:32 (UTC +01)
To: Anders Ravensborg Beierholm <anrb@sis.dk>; Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; karl.herlin2 <karl.herlin2@ssm.se>; tanzim.kawnine <tanzim.kawnine@ssm.se>; Edda Lína Gunnarsdóttir <elg@gr.is>
Subject: VS: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Dear all,

I also got the invitation. The workshop seems like a good place to share experiences. I'm planning to attend the workshop.

I attended the 5G workshop at ANFR in 2019. It was a useful workshop. Lauri attended the 2020 workshop.

Best regards,
Sami

Sami Kännälä
Senior Scientist
STUK - Radiation and Nuclear Safety Authority
Non-Ionizing Radiation Surveillance
Jokiniemenkuja 1, 01370 Vantaa
phone +358 9 759 88 531
sami.kannala@stuk.fi
www.stuk.fi

Lähetäjä: Anders Ravensborg Beierholm <anrb@sis.dk>

Lähetetty: tiistai 2. huhtikuuta 2024 22.34

Vastaanottaja: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; Kännälä Sami (STUK) <Sami.Kannala@stuk.fi>; karl.herlin2 <karl.herlin2@ssm.se>; tanzim.kawnine <tanzim.kawnine@ssm.se>; Edda Lína Gunnarsdóttir <elg@gr.is>

Aihe: SV: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Dear all,

We have also received the invitation, and I plan to attend on behalf of SST. I have also forwarded the invitation to the Agency for Data Supply and Infrastructure (the "Danish ANFR", who attended our Nordic 5G workshop at DSA), as it might be relevant for them too.

Best regards,
Anders

Anders Ravensborg Beierholm
Special Advisor
T (dir.) +45 4454 3455
anrb@sis.dk

Danish Health Authority
Radiation Protection
T +45 4454 3454
sis@sis.dk



Learn more about how Danish Health Authority processes personal data [here](#).

[LinkedIn](#) • [Facebook](#) • [X](#) • [sst.dk](#)

Fra: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>

Sendt: 2. april 2024 08:45

Til: Kännälä Sami (STUK) <sami.kannala@stuk.fi>; karl.herlin2 <karl.herlin2@ssm.se>;
tanzim.kawnine <tanzim.kawnine@ssm.se>; Anders Ravnsborg Beierholm <anrb@sis.dk>; Edda Lína
Gunnarsdóttir <elg@gr.is>

Emne: VS: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Dear Nordic colleagues,

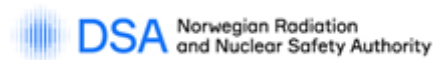
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We have not yet decided whether DSA will participate here or not, but could you please let me know if you are thinking of participating in the workshop in Paris in May?

Best regards,
Tone-Mette

STONE-METTE SJØMOEN
Senior Radiation Protection Adviser

R&D Section
Telephone: +47 67 16 25 66



Switchboard: +47 67 16 25 00
dsa.no

Fra: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>

Sendt: fredag 29. mars 2024 12:36

Til: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; edith.helene.unander@Nkom.no

Emne: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Det er ikke ofte du mottar e-post fra emmanuelle.conil@anfr.fr. Finn ut hvorfor dette er viktig.

Dear all,

Surveillance of exposure to electromagnetic fields (EMF) is a concern of many policy makers. To share experience, ANFR is pleased to invite you to participate to a one-day workshop in Paris. The workshop is intended for public administrations to share views on EMF exposure.

The main topics are:

- National policies, transparency and communication on public EMF exposure
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We look forward to your answer. Of course do not hesitate to contact us for further details.

Yours sincerely,
Emmanuelle Conil

Agence nationale des fréquences

Tél: +33 6 35 38 37 27

www.anfr.fr

www.cartoradio.fr



Jos tätä viestiä ei ole tarkoitettu sinulle, älä ilmaise tai käytä hyväksesi viestin sisältöä tai tietoa viestin olemassaolosta (laki sähköisen viestinnän palveluista 136 §). Ilmoita viestistä lähettäjälle ja poista viesti.

Om det här meddelandet inte är avsett för dig, får du inte röja eller utnyttja meddelandets innehåll eller uppgifterna om meddelandets existens (lag om tjänster inom elektronisk kommunikation 136 §). Informera avsändaren och radera meddelandet.

If this message is not intended for you, do not disclose or make use of its content, or the knowledge of its existence (Act on Electronic Communications Services, Section 136). Inform the sender and delete.

From: Anders Ravnsborg Beierholm <>
Sent: 02-04-2024 21:34:13 (UTC +01)
To: 'Tone-Mette Sjømoen' <Tone-Mette.Sjomoen@dsa.no>; Kännälä Sami (STUK) <sami.kannala@stuk.fi>; karl.herlin2 <karl.herlin2@ssm.se>; tanzim.kawnine <tanzim.kawnine@ssm.se>; Edda Lína Gunnarsdóttir <elg@gr.is>
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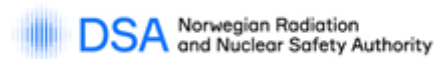
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R&D Section
Telephone: +47 67 16 25 66



Switchboard: +47 67 16 25 00
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Fra: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>

Sendt: fredag 29. mars 2024 12:36

Til: Tone-Mette Sjømoen <Tone-Mette.Sjomoen@dsa.no>; edith.helene.unander@Nkom.no

Emne: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

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Yours sincerely,
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From: Anders Ravensborg Beierholm <anrb@sis.dk>
Sent: 29-03-2024 20:20:52 (UTC +01)
To: Gregers Koldby Nielsen <gkn@sdfi.dk>
Subject: Fwd: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR

Kære Gregers,

Jeg håber, at du nyder påsken.

Vi har med kort varsel modtaget denne invitation fra ANFR til en workshop i Paris. Måske den også kunne være relevant for jer?

Mvh Anders

----- Videresendt meddelelse -----

Fra: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>
Dato: 29. marts 2024 kl. 12.34.28 CET
Emne: SAVE THE DATE 22nd may International workshop on EMF exposure organised by ANFR
Til: Anders Ravensborg Beierholm <anrb@sis.dk>

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From: CONIL Emmanuelle <Emmanuelle.CONIL@anfr.fr>
Sent: 29-03-2024 12:34:25 (UTC +01)
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