

EUROPEAN COMMISSION
Commissioner Janez Potočnik (Science and Research)
Commissioner Günter Verheugen (Enterprise and Industry)
Commissioner Viviane Reding (Information Society and Media)
Commissioner Markos Kyprianou (Health and Consumer Protection)
Commissioner Stavros Dimas (Environment)

Rue de la Loi, 200
B-1049 Bruxelles,
Belgium

Subject : Request to establish an ETP on EMC & EMF
and link it with existing FP7

Zoetermeer, 30 May 2005

Dear Commissioners,

With this letter we kindly request your support in establishing a European Technology Platform (ETP) on “Sustainable Electromagnetic Environments: EMC including EMF” and in including this subject in the 7th Framework Programme (Annex 1).

In the current proposals for FP7 there is no strategic view of Electromagnetic Compatibility (EMC) as a generic system based issue, resulting at best in a traditional fragmented approach without the coherence now becoming unavoidable in a world of pervasive electromagnetic transport and treatment of information and energy. EMC underpins almost all engineering activities and influences our daily life more than ever at a time when the number of EMC problems is rapidly increasing. The EMC cost of electronic products is increasing, typically 1 – 5% of the sales price. With a European sales volume of the electronics industry of 500 Billion Euros this results in an EMC financial impact of 5 to 25 Billion Euros a year, not to say about the increasing cost of EMC failures in terms e.g. of late re-design and loss of market opportunities. In addition to existing known environments, the electromagnetic security of systems is also challenged now by the growth of intentional threats.

Secretariat:

Vereniging FME-CWM
Chris van den Dries
P.O. Box 190,
2700 AD ZOETERMEER
The Netherlands

e-mail: cdr@fme.nl
tel: +31 79 353 13 59
fax: +31 79 353 13 65

For a further secure and safe deployment of Information and Communication Technology (ICT) in Europe’s economy and society, a strategic view on EMC is now becoming essential. In our view, long-term research of strategic nature, linked to industrial and societal needs, is required to support innovative EMC technologies, control costs effectively, and coherently manage the technical as well as organisational emerging challenges of EMC assurance all along the industrial supply chain and to prevent potentially harmful effects of intentional electromagnetic aggressions and also people exposure to electromagnetic fields (EMF). This will ensure societal acceptance of new technologies and therefore more rapid technological advances. A collaborative effort from Europe’s industry, academia and research institutes will result in an electromagnetic friendly and secure society as the foundation for the introduction and acceptance of new technologies.

In the attached summary vision document (Annex 2) more information is given on the objectives of the ETP-SEE and its importance to our society and Europe’s technological, political and economic competitive strength.

At this moment we have already over 135 stakeholders from 16 European countries, from all activity segments, from large systems manufacturers to research laboratories, who support the set-up of this new technology platform for EMC and EMF related work (Annex 3). Amongst the stakeholders there are many representatives of the top management from the largest European industries, e.g.: Siemens, Philips, Thales and EADS. An overview of letters from a selection of major stakeholders who support this initiative is attached (Annex 4).

It will help us greatly if you could assist us in addressing the following issues:

1. Do you share our vision that an ETP-SEE is essential in creating a strategic view on EMC for a future electromagnetic friendly and secure society?
2. What specific actions are needed from your and our side to establish this new ETP-SEE?
3. How could the ETP-SEE be linked to FP7? Would the theme ‘Information and Communication Technologies’ be a good starting point?

We would like to emphasize that overlaps with other Technology Platforms can be found due to the fact that EMC and EMF are horizontal subjects affecting nearly all industrial areas and the whole society. Via the proposed technology platform we will be able to combine efforts, share knowledge, and prevent dilution of effort and inefficiencies.

Secretariat:

Vereniging FME-CWM
Chris van den Dries
P.O. Box 190,
2700 AD ZOETERMEER
The Netherlands

e-mail: cdr@fme.nl
tel: +31 79 353 13 59
fax: +31 79 353 13 65

Assuming a positive reply from you, immediately after the recognition of the ETP-SEE we will continue with the preparation of the strategic research agenda. Therefore, an early reply from your side is very much appreciated.

With best regards,

The initiators of the ETP-SEE:

Prof. dr. Frank Leferink, Thales

Frank.Leferink@nl.thalesgroup.com



Ir. Marcel van Doorn, Philips

Marcel.van.Doorn@philips.com



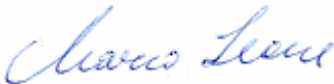
Dr. Amaury Soubeyran, EADS

Amaury.Soubeyran@eads.net



Dr. Marco Leone, Siemens

Marco.Leone@siemens.com



Prof. dr. Christos Christopoulos,
University of Nottingham

Christos.Christopoulos@nottingham.ac.uk



Secretariat ETP-SEE:

Ir. Chris van den Dries, FME-CWM

cdr@fme.nl



Copy to: see distribution list

Secretariat:

Vereniging FME-CWM
Chris van den Dries
P.O. Box 190,
2700 AD ZOETERMEER
The Netherlands

e-mail: cdr@fme.nl
tel: +31 79 353 13 59
fax: +31 79 353 13 65

Attachments:

- Annex 1: Comments on Commission’s proposal for FP7
- Annex 2: Summary vision document on TP-SEE
- Annex 3: Stakeholders list
- Annex 4: Supportive signatures of major stakeholders

Abbreviations:

- EMC = **E**lectro**M**agnetic **C**ompatibility of electronic systems, i.e. the ability of a system to function satisfactorily in its electromagnetic environment without introducing intolerable electromagnetic disturbances to anything in that environment.
In plain words: all unwanted and unexpected effects between apparatus (and human beings).
- EMF = **E**lectro**M**agnetic **F**ields in relation to the prevention of harmful effects of human exposure to EMF
- ETP = **E**uropean **T**echnology **P**latform
- FP7 = **7**th **F**ramework **P**rogramme (2007 – 2013)
- ICT = **I**nformation and **C**ommunication **T**echnology

Secretariat:

Vereniging FME-CWM
Chris van den Dries
P.O. Box 190,
2700 AD ZOETERMEER
The Netherlands

e-mail: cdr@fme.nl
tel: +31 79 353 13 59
fax: +31 79 353 13 65

Comments on Commission's proposal for FP7

With respect to the proposal for a decision of the European Parliament and of the Council concerning the seventh framework programme of the European Community for research, technological development and demonstration activities (2007 to 2013), Brussels, 6 April 2005 (COM(2005) 119 final), we consider that the topic EMC should be explicitly addressed as a specific topic.

The following text could be integrated in the Annex, under theme ICT:

"For a further deployment of ICT in Europe's economy and society, a strategic view on EMC (Electromagnetic Compatibility) as a generic system based subject will be essential, as opposed to the current fragmented approach and lack of coherence. EMC underpins almost all engineering activities and influences our daily life more than ever at a time when the number of EMC problems is rapidly increasing due to the pervasiveness and vulnerability of ICT. In our view, long-term research of strategic nature is required to support emerging EMC technologies including their vulnerability to intentional aggressions and the prevention of potentially harmful effects on humans of exposure to electromagnetic fields (EMF). A collaborative effort of Europe's industry, academia and research institutes is necessary to lead to a future electromagnetic compliant and secure society."

Secretariat:

Vereniging FME-CWM
Chris van den Dries
P.O. Box 190,
2700 AD ZOETERMEER
The Netherlands

e-mail: cdr@fme.nl
tel: +31 79 353 13 59
fax: +31 79 353 13 65

Summary vision document on

European Technology Platform

Sustainable Electromagnetic Environments

(EMC including EMF)

ETP-SEE

Overall Policy Objective

Electromagnetic Compatibility (EMC) underpins almost all engineering activities and influences our daily life more than ever at a time when the number of EMC problems is rapidly increasing. EMC was and is often addressed on an ad hoc basis, and there is simply no long-term scientific programme in this area. In our view, long-term fundamental work of strategic nature in EMC, linked to industrial and societal needs, is required now to support emerging technologies and prevent new threats. The overall policy objectives of the Technology Platform Sustainable Electromagnetic Environments (EMC including EMF) are:

- Establish a clear strategic research vision on EMC and EMF issues
- Strengthen EMC innovation
- Enhance international cooperation
- Improve cooperation between industry and research institutes
- Alleviate fragmentation in research

In short: To facilitate, co-ordinate and accelerate the development and acceptance of technologies that will create in the future an electromagnetic friendly and secure society.

Europe's technological position in a global context

In the coming years the electromagnetic environment will drastically change. A high-speed digital lifestyle and an explosion of (wireless) devices will, without clear well-informed action, result in an increase of interference problems in homes, vehicles, hospitals, factories, planes, etc. In addition to this 'natural' environment, intentional electromagnetic threats are also emerging now to which unprotected systems will be vulnerable. Without a coordinated development program in which all stakeholders are involved, this increasingly complex electromagnetic environment cannot be controlled anymore and will lead to more and more interference problems, safety and security hazards and societal resistance to the introduction of new technologies.

Europe's goal to achieve sustainable growth, competitiveness and homeland security can only be achieved through a better quality and cooperation of the entire EMC research and innovation community. This does not only include the capacity to create new EMC knowledge, but also an understanding of how the EMC knowledge might be used, applied and implemented by industry. Competitive advantage will also come from

Secretariat:

Vereniging FME-CWM
Chris van den Dries
P.O. Box 190,
2700 AD ZOETERMEER
The Netherlands

e-mail: cdr@fme.nl
tel: +31 79 353 13 59
fax: +31 79 353 13 65

the existence of an effective know-how transfer from science to beneficial and useful application in industry. In addition to that, the public fear of electromagnetic fields introduces often non-technical issues where a collaborative approach between researchers from different areas, including medical and psychological experts, is needed.

However, because EMC is distributed everywhere, in every product and environment, research and engineering activities are fragmented. This fragmentation poses a big disadvantage, resulting in EMC research and innovation not receiving sufficient attention in establishing a determined push towards lower costs and higher social and economic benefits. This problem is observed all over the world. Research activity in Asia is at present only re-active, but is rapidly increasing. The number and quality of research contributions at Asian international conferences are rising exponentially. There, EMC is seen as a key enabling technology. The North-American approach is based on fast and expensive push in technology. The European approach can be described as a smart but slow move towards pro-active research, improving the cost-effectiveness of systems as applied now in many areas, including aerospace, space, automotive, defence, consumer electronics etc. These initiatives are however scattered due to a lack of central funding and an overarching vision; The EMC activities carried out now range amongst testing and validation, short term actions to fix an existing problem, short term actions as part of larger (vertical) programs and specific private research activities in most large industries. This leads to ineffective and much delayed research. An example is the Electro-Magnetic Fields (EMF) risk due to the new modulation used in UMTS, which is only examined now, while the rollout started already.

Europe cannot lag behind in this critical technology enabler. European industries and research institutes must strengthen their activities and collaborate in creating an EMC based technology platform under the direction of the European Union.

Primary Technical, Political and Economic Justification for action

The focus of the European Union's effort on the seven thematic priorities implicitly neglects EMC design and engineering, although EMC is a key issue in most areas. EMC specialists are required to identify and address possible problems, which only have partial relevance to their activities. With the current set up of funding research, it is very difficult for the design and engineering industry to relate their core activities in EMC with any of the priorities of the FP7.

The economic impact of electromagnetic compatibility is huge: EMC related costs count for 1 – 5% of the sales price of electrical and electronic goods. With a European sales volume in electronics around 530 Billion euro (Source: EC Report NACE) the EMC related financial impact is in the range of 5 to 25 Billion euro a year. Delays in product introduction, recalls or withdrawal of products are additional very substantial costs. In addition, the vulnerability of systems to intentional electromagnetic threats must be considered as a growing issue even for civil systems where function and safety relies more and more critically on pervasive ICTs.

A long-term research & development program should result in a reduction of the current costs and in new technologies to prevent EMC and EMF problems and reduce

Secretariat:

Vereniging FME-CWM
Chris van den Dries
P.O. Box 190,
2700 AD ZOETERMEER
The Netherlands

e-mail: cdr@fme.nl
tel: +31 79 353 13 59
fax: +31 79 353 13 65

vulnerability in future products. In this way, redesigns, re-testing, much delayed market introductions, interference problems in the field, safety and security hazards, and products called back from the market, will be prevented.

Development of the Platform (State of play)

The current proposal follows several meetings as indicated below:

May 2004: Meeting Profs. Christopoulos, Degauque, Feliziani, Leferink, on the need for strategic support and combined support via and by industry

September 2004: Meeting in Eindhoven, with industry experts and academics (EADS, Philips, PSA Peugeot Citroën, Siemens, Stork, Thales, Universities of Nottingham, La Sapienza, L'Aquila, Twente, etc) decides to establish an Industry Forum on EMC, in order to include EMC as a strategic technology domain in the technology programs of the EU

February 2005: Meeting in Zurich. Industry Forum develops into the Technology Platform Sustainable Electromagnetic Environments (EMC including EMF) proposal.

March 2005: presentation of the list of stakeholders and summary report to the EU DG representatives

May 2005: meeting with European Commission

Activities (existing and planned in short term)

May 2005: Deliver request for recognition, and comments on FP7 to the Commission

June 2005: Publish Vision Report

June 2005: Establish the management structure

December 2005: Draft Strategic Research Agenda (SRA)

February 2006: Conference on SRA

May 2006: Implementation Plan

Cooperation with COST, Eureka (ITEA, MEDEA +)

Cooperation with national research activities

Cooperation with European conferences (Zurich, Euro EMC, Wroclaw)

Specific Deliverables (short to medium term)

December 2005: Draft Strategic Research Agenda (SRA)

May 2006: Implementation Plan

Policy Interface/Framework

International co-operation strategy

Progress monitoring system

Secretariat:

Vereniging FME-CWM
Chris van den Dries
P.O. Box 190,
2700 AD ZOETERMEER
The Netherlands

e-mail: cdr@fme.nl
tel: +31 79 353 13 59
fax: +31 79 353 13 65

List of Stakeholders ETP-SEE*per May 2005, alphabetical order*

- 1 Dr. Martin Alexander, Chairman of the IEE Professional Network on EMC, National Physical Laboratory, England
- 2 Dr. Antonis A. Alexandridis , Institute of Informatics & Telecommunications, National Centre for Scientific Research "Demokritos", Greece
- 3 Xavier Ambroise, EADS, France
- 4 Prof. dr. Marcello d'Amore, University of Rome 'La Sapienza', Italy
- 5 Keith Armstrong, Cherry Clough Consultants, England
- 6 Dr. Luk Arnaut, NPL, England
- 7 Michela Audone, Centro Ricerche Fiat , Italy
- 8 Renzo Azaro, EMC Srl, Italy
- 9 Dr. Mats Bäckström, Research Director, Electromagnetic Effects, Swedish Defence Research Agency, FOI, Sweden
- 10 Marise Bafleur, CNRS Research Director, LAAS-CNRS, France
- 11 Veronique Beauvois, University of Liege, Belgium
- 12 Dr. ir. Pierre Beeckman, Philips EMC, Netherlands
- 13 Yannick Beniguel, IEEA, France
- 14 Vincent Berat, Renault, France
- 15 Philippe Besnier, IETR, France
- 16 Prof.dr.ir. Jan Blom, Dean Faculty of Electrical Engineering, Technische Universiteit Eindhoven, Netherlands
- 17 Kim Boll Jensen, Bolls Rådgivning, Denmark
- 18 Dr. Jean-Claude Boudenot, Thales Research and Technologies, France
- 19 Sylvie Boudoux, Flomerics France Brachn manager, Flomerics, France
- 20 Jean-Louis Boulay, CERPEM, Centre d'Etudes et de Recherches en Electromagnetisme, France
- 21 Prof.dr. Jan Boutsen, Electronics Cell , Belgium
- 22 Prof. Flavio Canavero, Politecnico di Torino, Dipartimento di Elettronica, Italy
- 23 Dr. Carlo Carobbi, University of Fiorentina, Italy
- 24 Dr. Nigel J.Carter, Technical Manager Electromagnetic Environmental Effects, Qinetiq, England
- 25 Prof. Johan Catrysse, Katholieke Hogeschool Brugge-Oostende, Belgium
- 26 Prof.dr. Christos Christopoulos, University of Nottingham, England
- 27 Andrew Chugg, MBDA, United Kingdom
- 28 Ernest Cid, Wavecontrol, Spain
- 29 Dr. Stane Ciglaric, SIQ - electromagnetics department, dept. manager, Slovenian Institute of Quality and Metrology., Slovenia
- 30 Ferran Costas, Space & Microwave Division Manager, Mier Comunicaciones, S.A, Spain
- 31 Bertrand Daout, Technical Director, Montena emc sa, Switzerland
- 32 Francesc Daura, Research Manager, Ficosa International, S.A., Spain
- 33 Prof.dr. Pierre Degauque, University of Lille, France
- 34 J. Manuel Domeque, Safety and EMC Approval responsible, Sharp Electronica Espana, Spain
- 35 Lionel Dreaux, Director, Laboratoire National de métrologie et d'Essais, France
- 36 Ir. Chris van den Dries, Vereniging FME-CWM, Netherlands

Secretariat:

Vereniging FME-CWM
Chris van den Dries
P.O. Box 190,
2700 AD ZOETERMEER
The Netherlands

e-mail: cdr@fme.nl
tel: +31 79 353 13 59
fax: +31 79 353 13 65

- 37 Prof. Mohammed Drissi, Directeur de la composante INSA de l'IETR, University of Rennes, INSA, France
- 38 Philippe Dupre, EMC Expert, ST Microelectronics, France
- 39 Oscar Espallargas, Adj. Director tècnic, Groupe President Electronics, Spain
- 40 Dominique Fabiou, Expert "Sécurité des personnes vis-à-vis des champs électromagnétiques", Thales Research and Technologie, France
- 41 Prof. Mauro Feliziani, University of L'Aquila, Italy
- 42 Rosio Di Filippo, EMI EMC TEMPEST Labs, selenia communications SpA, Italy
- 43 Dr Stephan Frei, EMV-Zentrum, AUDI AG, Germany
- 44 Tomo Galic', Director of Development Department, Hrvatska Elektroprivreda d.d., Croatia
- 45 Prof.dr.-Ing. Heyno Garbe, University of Hannover, Germany
- 46 Stephane Gautrot, Head of the Electromagnetic Effects Department, , France
- 47 Dr. Fred German, EMC Product Manager, Flomerics, USA
- 48 Gert Gremmen, CE-test, Netherlands
- 49 Tim Haynes, EWS, BAESYSTEMS Avionics Ltd., England
- 50 Marc Heddebaut, INRETS, France
- 51 Reinout Hensbroek, Specialist EMC and Safety Medical, TNO Prevention and Care, Netherlands
- 52 Richard Hoad, Technical Leader EMC Research and Development, QinetiQ, England
- 53 Jacques Hulshof, N.V. Nederlandsche Apparatenfabriek "Nedap", Netherlands
- 54 Jan M. Janssen, Dutch Amateur Radio Organization, VERON, Netherlands
- 55 Tim Jarvis, RadioCAD Ltd., England
- 56 Kim Boll Jensen, Manager, Bolls Rådgivning, Denmark
- 57 Werner John, Fraunhofer-Izm, Advanced System Engineering, Germany
- 58 Dr. Andrzej Kasprzak, Department of Applied Electrical Engineering & Instrument Transformers, Technical University of Lodz, Poland
- 59 Dr.-Ing. Robert Keibel, Lightning Protection and Electromagnetic Compatibility, Airbus Deutschland GmbH, Germany
- 60 Klaus Kempkens, EADS Astrium GmbH, Germany
- 61 Peter Kerry, President, CISPR, England
- 62 Ing. Henk Klok, Marinebedrijf, Ministry of Defence, Royal Navy, Netherlands
- 63 Prof. Michael Koch, University of Hannover, Germany
- 64 Dr. Karol Kovac, Head of EMC Laboratory, Slovak University of Technology, Faculty of Elec. Eng. and Inf. Technoplogy, Slovakia
- 65 Lajos Kovács, technical manager, Infoplan Mérnökiroda Kft., Hungary
- 66 Bert Kramer, Stork Fokker AESP B.V. , Netherlands
- 67 Anne Kranghand, Stork Fokker AESP B.V., Netherlands
- 68 Ing. Leo Lagendijk, KPN Mobile, Netherlands
- 69 Kurt Lamedschwandner, Business Unit "Mobile Communications Safety", ARC Seibersdorf research GmbH, Austria
- 70 Xavier Lario, INDIBA S.A., Spain
- 71 Prof.dr. Frank Leferink, Chair for EMC, University of Twente, Netherlands
- 72 Prof.dr. Frank Leferink, Technical Authority EMC, Thales, Netherlands
- 73 Dr.-Ing. Marco Leone, Center for Quality Engineering, Siemens AG, Germany
- 74 Saverio Lerosé, Thales Research and Technologies, France
- 75 Ian MacDiarmid, BAE Systems, England
- 76 Rene Malabiau, Centre Techn. des Systèmes Navals , Ministry of Defence, France
- 77 Fabien Mangeant, EADS CCR-DCR/EX/AE , France

Secretariat:

Vereniging FME-CWM
Chris van den Dries
P.O. Box 190,
2700 AD ZOETERMEER
The Netherlands

e-mail: cdr@fme.nl
tel: +31 79 353 13 59
fax: +31 79 353 13 65

- 78 Prof. Marian Marciniak, Head of Department, National Institute of Telecommunications, Poland
- 79 Christian Marot, Siemens VDO Automotive, Italy
- 80 Prof.dr. Andy Marvin, University of York, Dept. of Electronics, England
- 81 Bélahcène Mazari, Directeur, IRSEEM, France
- 82 Pascal Meisse, RF and CEM Expert, INTESPACE, France
- 83 Joseph Merlet, Business Development Manager, INTESPACE, France
- 84 Prof.dr. Luigi Millanta, University of Fiorentina, Italy
- 85 Jérôme Mollet, Technical Sales Manager, CST - France, France
- 86 Wladyslaw Moron, Chairman Technical Committee No 104 on Electromagnetic Compatibility, Polish Office of Telecommunications and Post Regulation, Poland
- 87 Prof. Juan R. Mosig, Laboratory of Electromagnetics and Acoustics (LEMA), Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland
- 88 Wolfgang Müllner, Business Unit "Radio Frequency Engineering", ARC Seibersdorf research GmbH, Austria
- 89 Irina Munteanu, CST - France, France
- 90 Prof. Antonio Orlandi, University of L'Aquila, Italy
- 91 Dr. Jean-Philippe Parmantier, Head of the EMC group at the Electromagnetism and Radar Department, ONERA (Office National d'Etudes et de Recherches Aérospatiales), France
- 92 Dr. Richard Perdriau, Associate Professor, ESEO, France
- 93 Massimo Polignano, Design Quality Control manager, ESAOTE S.p.A. - Research & Product Development, Italy
- 94 Marc Poncon, Eurocopter, England
- 95 Christian de Prost, Director, R&D Planning Europe, ATMEL, France
- 96 Dr. Ivica Puljak, University of Split, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, Croatia
- 97 Ir. Evert Raaijen, Technical Director, EXENDIS b.v., Netherlands
- 98 Prof. Farhad Rachidi, Maître d'enseignement et de recherche, EPF Lausanne, Switzerland
- 99 Ferenc Radvánszki, Technical Manager, PROTECTA Co. Ltd., Hungary
- 100 Dr. Mohamed Ramdani, Associate Professor, ESEO, France
- 101 Tomasz Reczek, EMC-NET, Polish Scientific Theme Network "Electromagnetic Compatibility of Devices, Systems and Installations for IT community EMC-Net", Poland
- 102 Miquel Ribó i Pal, EMC Group Coordinator, Ramon Llull University, Spain
- 103 Ricard Soler i Kopp, General Manager, gps microSAT S.A., Spain
- 104 Ing. Paolo Rinaldi - Operation Manager, Skydata Engineering s.r.l., Italy
- 105 Werner Rissiek, General Manager Engineering Europe, Zuken Technology-Center, Germany
- 106 Massimo Rivera, Electro-Avionic Subsystem Dept., Agusta - AA / SSEA / EMC, Italy
- 107 Alastair Ruddle, MIRA, England
- 108 Domingo Ruiz, General Director, AD TELECOM, Spain
- 109 Prof. J.N. Sahalos, Radiocommunications Laboratory, Aristotle University of Thessaloniki, Greece
- 110 José Raúl Santos Cabal, EE - Desarrollo Eléctrico - PRD 43, EE-3 Vehículo Completo Eléctrico, CT SEAT, S.A., Spain
- 111 Sante Saracino, CTO Chief Technical Officer, SIEMENS-CNXX, Italy
- 112 Frans Schoren, BIT TIPS Asia Ltd., China

Secretariat:

Vereniging FME-CWM
Chris van den Dries
P.O. Box 190,
2700 AD ZOETERMEER
The Netherlands

e-mail: cdr@fme.nl
tel: +31 79 353 13 59
fax: +31 79 353 13 65

- 113 Dr. inz. Krzysztof Sieczkarek, Manager of FOR-EMC Thematic Network, Laboratory of Automatic Identification Techniques, Institute of Logistics and Warehousing, Poland
- 114 Prof. Ferran Silva, Technical University of Catalonia, Spain
- 115 Jacek Skrzypczynski, Wroclaw University of Technology, Poland
- 116 Dr. Amaury Soubeyran, EADS CCR-DCR/EX/AE , France
- 117 Lorenzo Spinelli, Elettrolab di Ing. Lorenzo Spinelli, Italy
- 118 Dr. Titus Spoelstra, Frequency Manager, ESF Committee on Radio Astronomy, Netherlands
- 119 Prof. Ryszard Struzak, URSI/ITU/Wroclaw EMC symp., , Poland
- 120 Keith Tench, EMC Policy, Ministry of Defense - United Kingdom, England
- 121 Ing. George Teunisse, Nederlands Meetinstituut, Netherlands
- 122 Prof Michel Tholomier, Directeur du Laboratoire CEM, Université Paul Cézanne d'AIX - MARSEILLE, France
- 123 Prof.dr. Anton G. Tijhuis, Electromagnetics Section, TTE Division, Eindhoven University of Technology, Netherlands
- 124 Claudio Tredici, Head of EMC Florence (Italy), Galileo Avionica, Italy
- 125 Prof. Ruediger Vahldieck, ETH, Switzerland
- 126 Dr. Lex van Deursen, Technische Universiteit Eindhoven, Netherlands
- 127 Ir. Marcel van Doorn, Philips EMC, Netherlands
- 128 Gyorgy Varju, Dept. of Electric Power Engineering, Budapest University of Technology and Economics, Hungary
- 129 Jaco Verpoorte, Head of NLR EMC Laboratory, National Aerospace Laboratory NLR, Netherlands
- 130 Enrico Vialardi, EADS CCR-DCR/EX/AE, France
- 131 Ken Webb, Technical Consultancy Manager, TÜV Product Service Ltd, England
- 132 Jan Welinder, Swedish National Testing and Research Institute, Sweden
- 133 Prof. Tadeusz Wieckowski, Wroclaw University of Technology, Poland
- 134 Prof. dr. Peter Zwamborn, Electromagnetic Effects Chair, Technical University Eindhoven, Netherlands
- 135 COST 286
- 136 IEEE EMC Benelux Chapter
- 137 Nederlandse EMC-ESD Vereniging
- 138 URSI

Secretariat:

Vereniging FME-CWM
Chris van den Dries
P.O. Box 190,
2700 AD ZOETERMEER
The Netherlands

e-mail: cdr@fme.nl
tel: +31 79 353 13 59
fax: +31 79 353 13 65

Letters of major stakeholders¹:

	Organisation	Signed by	Function	Unit
1	EADS	J.L. Lacombe	Vice-President	Industrial/Research & Technology
2	Thales	Dominique Vernay	Vice-President	Research and Technology
3	Philips	Aart van Gorkum	Sr. Vice President	Philips Applied Technologies
4	Siemens AG	Jürgen Klein	President	Center for Quality Engineering
5	EADS	Jean-Michel Bardot	Vice-President Quality	Quality & Operations
6	Freescale Semiconductors	Jean-Louis Chaptal	R&D Director	LCIP and Technology Solutions
7	MBDA	Maurice Desmouliere	Vice-President	Applied Research and Technologies
8	Dutch EMC-ESD association	Jaap Prummel	Chairman	Representing 170 professionals in EMC and ESD
9	DGA	Rene Malabiau	Senior Expert	Direction de l'Expertise Technique
10	IEE Professional Network on EMC	Martin Alexander	Chairman	Principal Research Scientist, NPL UK
11	CSTI	Joel Hamelin	Scientific Advisor	Conseil Stratégique des Technologies de l'information (Cabinet of French Prime Minister)
12	ESA-ESTEC	Antonio Ciccolella	Head of EMC and Antenna Measurement Section	
13	COST 286	Andrew Marvin	Chairman COST 286, COST 261	Leader Physical Layer research Group York, Associate-editor IEEE EMC Transactions, Chairman IEC/CISPR/A-SC77
14	EMC Europe	Johan Catrysse	Chairman	International Steering Committee
15	EMC Zürich	Rüdiger Vahldieck	Chairman	ETH-Zurich
16	URSI	Pierre Degauque	Chairman Commission E	

- 1) Many other supporting letters are available at request (see list of stakeholders), and some are still coming in. Copies of the letters are only attached to the paper version of this letter. Digital copies of all letters can be found on website www.emc-esd.nl under button "Technology Platform".

Secretariat:

Vereniging FME-CWM
Chris van den Dries
P.O. Box 190,
2700 AD ZOETERMEER
The Netherlands

e-mail: cdr@fme.nl
tel: +31 79 353 13 59
fax: +31 79 353 13 65

Distribution list**Addressees:**

European Commission:

- Research Commissioner Janez Potočnik
- Enterprise & Industry Commissioner Günter Verheugen
- Information Society and Media Commissioner Viviane Reding
- Health and Consumer Protection Commissioner Markos Kyprianou
- Environment Commissioner Stavros Dimas

Copy to:

Directorates-General European Commission:

- Research
 - Director-General Achilleas Mitsos
 - Technology Platform Coordinator Kurt Vandenberghe
 - Acting DG of the Joint Research Centre Roland Schenkel
 - Head of Unit Herbert von Bose
- Enterprise & Industry
 - Director-General Horst Reichenbach
 - Mark Bogers
 - Thierry Brefort
 - Peter Kerr
 - Corrado Mattiuzzo
 - Nikos Pantalos
 - Julie Sors
- Information Society and Media
 - Director-General Fabio Colasanti
 - Deputy Director-General Peter Zangl
- Health and Consumer Protection
 - Director-General Robert Madelin
- Environment
 - Director-General Catherine Day

Secretariat:

Vereniging FME-CWM
Chris van den Dries
P.O. Box 190,
2700 AD ZOETERMEER
The Netherlands

e-mail: cdr@fme.nl
tel: +31 79 353 13 59
fax: +31 79 353 13 65