

Setting the scene

NBC Academy Meeting

Lisbon - 17.04.2018



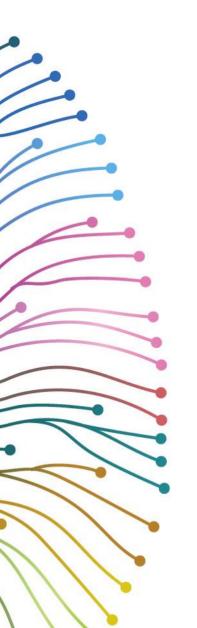


1. An update on our activities

&key policy developments



We stand together for the Brain



























- National Brain Councils
- Industry partners





EBC mission and vision



"To improve the lives of those living

with brain disorders, we advance

the understanding of the healthy &diseased

brain by bringing together

science and society."



EBC to serve as a hub #1





- Participation in EU projects
- Applications to EU funding
- Project Management
- Preparing for mid-term review of H2020

&FP9



EBC to serve as a hub #2



PROMOTING **GOOD** PRACTICE

FOR THE OFF-LABEL

USE OF MEDICINES:



- Consultation
- Consensus
- Advocacy



Human Brain Project





EBC to serve as a hub #3





Expanding brain research in Europe - A societal need?

Brain Awareness Week - Outreach Event

16 March 2017 European Parliament (SDM-S7), Strasbourg

> #ILoveMyBrain #BrainAwarenessWeek

INVITATION



Expanding brain research in Europe - A societal need?

Brain Awareness Week - Outreach Event

European Parliament, SDM-S7 - Strasbourg, 16 March 2017 - 9:00

Hosted by:

MEPs Frédérique Ries (Belgium, ALDE), Anne Sander (France, EPP) & Momchil Nekov (Bulgaria, S&D) together with the European, Belgian and French Brain Councils.

Speakers will include:

Prof. Marion Leboyer - The Mondor Institute of Biomedical Research (IMRB, Inserm U955 - University Paris Est Créteil, UPEC)

Ms. Joke Jaarsma - European Federation of Neurological Associations (EFNA) & European Alliance for Restless Legs Syndrome (EARLS)

Prof. Monica di Luca – European Brain Council (EBC) & Federation of European Neuroscience Societies (FENS)

Brain Awareness Week is the global campaign to increase public awareness of the progress and benefits of brain research organised by the Dana Foundation. Every March, partner organizations worldwide work together to celebrate the brain for people of all ages. Past activities have included open days at neuroscience labs, exhibitions about the brain, lectures on brain-related topics, social media campaigns, displays at libraries and community centers, and classroom workshops - to name a few.

Please register through www.braincouncil.eu/baw





EUROPEAN BRAIN COUNCIL (EBC)

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@EU Brain

#brainweek #ILoveMyBrain www.braincouncil.eu

This event is supported by















SAVE THE DATE



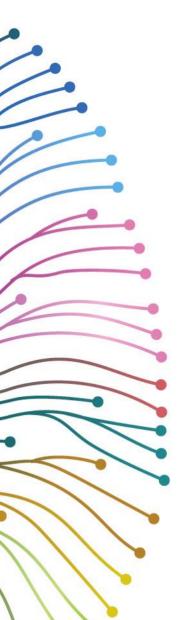
Save the Date! Brain Awareness Week 2018

15th March 2018 European Parliament, Strasbourg

Education, Behaviour and Brain Development



EJN Publication & Policy Summary





European Journal of Neuroscience, pp. 1-8, 2016



doi:10.1111/ejn.13236

EDITORIAL

Consensus Statement on European Brain Resea need to expand brain research* in Europe - 201

R. G. M. Morris, W. Oertel, W. Gaebel, G. M. Goodwin, A. Little, P. Montellano, A. M. Wos

Federation of European Neuroscience Societies (FENS), Bruxelles, Belgium

European Academy of Neurology (EAN), Vierna, Austria

European Psychiatric Association (EPA), Strasburg, France European College of Neuropsychopharmacology (ECNP), Utrecht, The Netherlands

European Rederation of Neurological Associations (EFNA), Bruxelles, Belgium "Global Alliance of Mental Illness Advocacy Networks-Europe (Garrian-Europe), Bruxelles, Belgium

European Association of Neurosurgical Societies (EANS), Gent, Belgium

*Department of Pharmacological and Biomolecular Sciences, University of Milan, Via Balzaretti 9-2013

Recommendation

The brain - the most complex organ of mankind and the challenge to understand its function and to cure its disorders

The brain is the most complex organ of the human being. It provides and controls virtually every function of the body including rational thinking, emotions, heart beat, breathing, food and fluid intake, sex, ex. Disorders of the brain are more complicated to analyse, diagnose and treat than other diseases. These brain disorders (to name just the most common ones - depression, Alzheimer's dementis, schazophrenia, stroke, migraine, sleep disorders, Parkinson's disease, pain syndromes in perticular back pain, addiction to alcohol and other substances) give rise to a far higher level of disability, including admissions to hospitals and nursing homes, than is widely recognised. Health economists have calculated that brain disorders may cost as much as 45% of the annual health budget of Europe, totaling around Euro 800 billion (Gustavsson et al., 2011; Diluca & Olesen, 2014). With an aging population in Europe the prevalence of the most common neurological and psychiatric disorders will dramatically increase and we have not found cares or means to delay or reduce their burden and economic impact, as well as the burden of care-givers and the loss of productivity and employment associated with this.

Knowledge of high function has substantially increased over

nervous system has expanded market pean basic and clinical neuroscientis his success story. The availability of particularly over the last ten years. ment. It is an area of research in wh he life and the physical sciences wi one of the last truly great frontiers. commitment from funders and scientification now at the forefront of the intern he brain through basic science practical and clinically relevant wa

Targeted European funding of at the international forefrontdisorders must get top priority

In line with the above, the Euro hensive support for brain resear Brain Research was finally and endowed with the necessary, t EUR 3,1 billion has been ded 2007, funding 1981 projects. understand the diseases and o there yet. Thus, at this stage of real solutions, continued supp

EBC CONSENSUS STATEMENT THE NEED TO EXPAND BRAIN RESEARCH IN EUROPE

*Improved collaboration in European Brain Research : Better understanding for better Brain Health"



Europe needs to "expand brain research"

Conclusions

- Tackle Brain health in integrated manner
- Increase support to basic &clinical research
- Optimise funding opportunities
- Ensure concrete translation of basic research

EBC CONSENSUS STATEMENT



FBC EU Council Research Working Party



Frédéric Destrebecq

Consilium

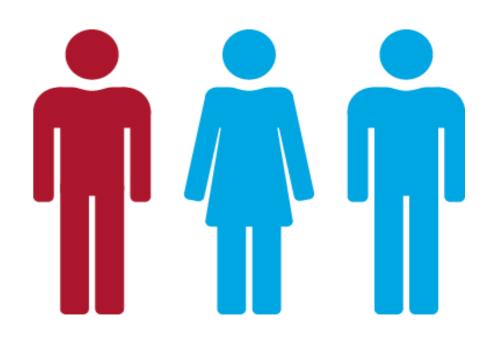
Brussels, 23rd September 2016 & 12th June 2017



>1 in 3 Europeans is affected

EBC 2011 Cost Study:

179 mlns citizens in Europe (28+2)

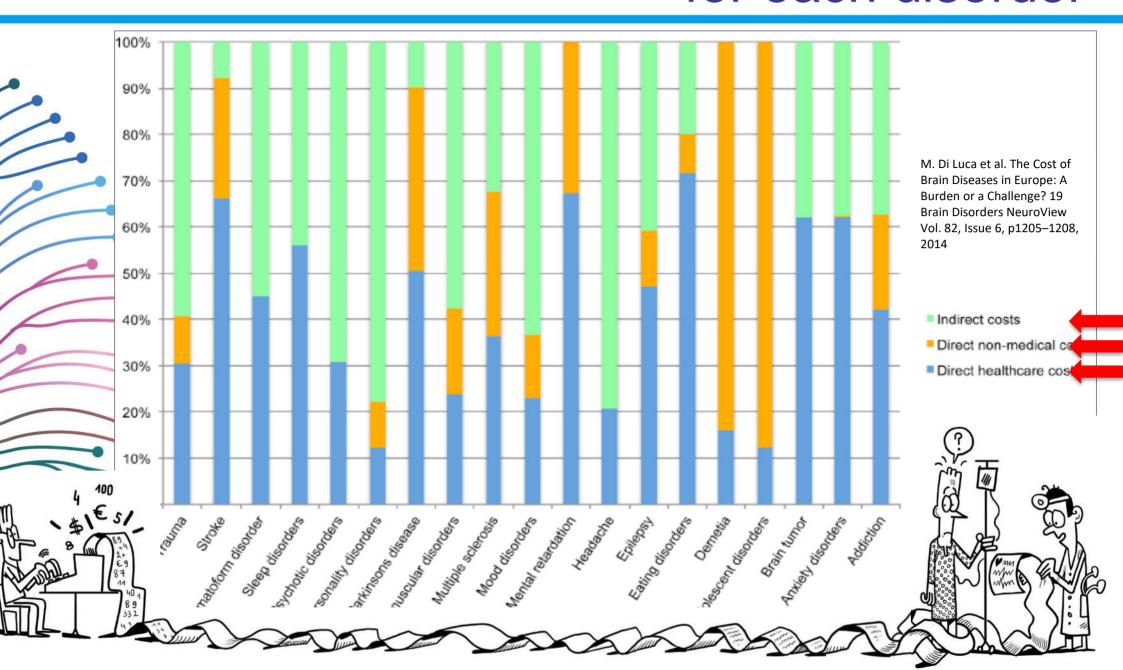


€ 798 bln /year





Uneven distribution of costs for each disorder





Demonstrating the societal impact of the Brain







Towards the next Research Programme

Summary of recommendations

The following recommendations are aimed at maximising the impact of future EU research and innovation programmes. Each of them is exemplified by a key action.

- Prioritise research and Innovation in Elliand. national budgets Action: double the budget of the post-2020 EU research and innovation programme.
- Build a true EU Innovation policy that creates future markets. Action: Foster ecosystems for researchers. Innovators, Industries and governments: promote and invest in innovative ideas with rapid scale-up potential through a European Innovation Council.
- Educate for the future and Invest In people who will make the change Action: modemise, reward and resource the education and training of people for a creative and Innovative Europe.
- Design the EU R&I programme for greater Impact.
 - Action: make the future programme's pillars driven by purpose and impact, fine-tune the proposal evaluation system and increase flexibility.
- Adopt a mission-oriented, impact-focused approach to address global challenges Action: set research and Innovation missions that address global challenges and mobilise researchers. Innovators and other stakeholders to realise them.

6. Rationalise the EU funding landscape and achieve synergy with structural funds

Adopt a mission-oriented, impact-focused approach to address global challenges | LAB - FAB - APP

The Group's remit was not to prescribe Europe's moon shots. By way of illustration, it has identified some potential missions for the post-2020 EU R&I programme: achieving a plastic litter-free Europe by 2030; understanding and enhancing the brain by 2030; producing steel with zero carbon in Europe by 2030; making 3 out of 4 patients survive cancer by 203415, building and operating the first quantum computer in Europe. The Group calls on the Eurobean Commission to launch a wide stakeholder debate among citizens, scientists and innovators on potential future R&I missions for Europe.

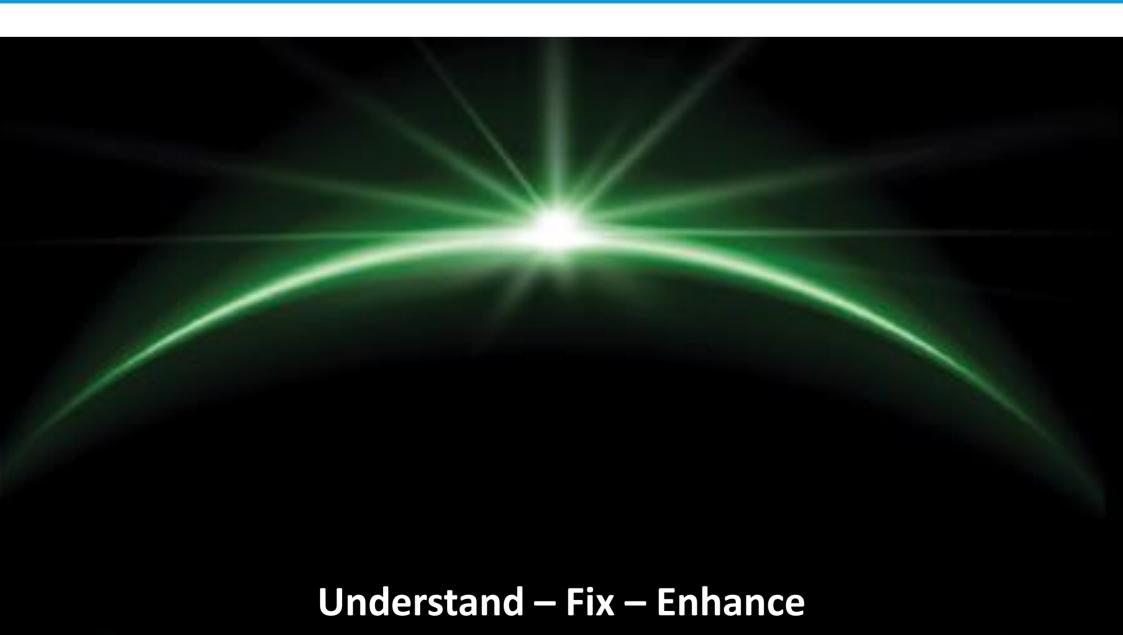
Action: set research and innovation missions. that address global challenges and mobilise researchers, innovators and other stakeholders to realise them.



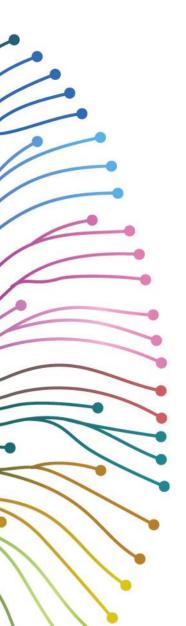




A Brain Mission within the next framework programme



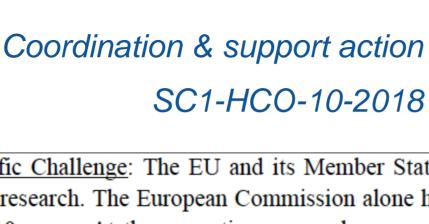




2. Coordinating Brain Research

in Europe and globally

Coordinating European brain research and developing global initiatives





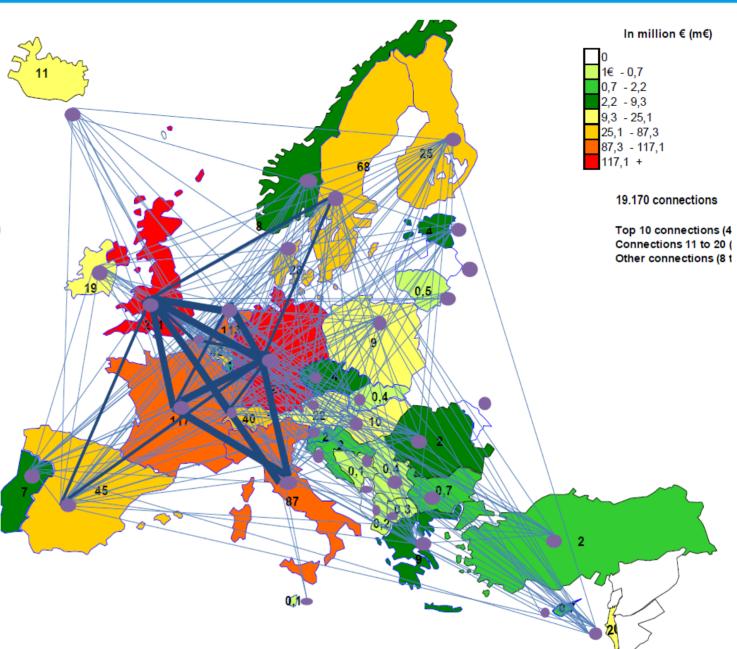
Specific Challenge: The EU and its Member States have made considerable investments in brain research. The European Commission alone has invested some EUR 5.3 billion over the past 10 years. At the same time, many large research initiatives such as the Human Brain Project (HBP), the Joint Programming on Neurodegenerative Diseases (JPND), the ERA-Net NEURON and the Innovative Medicines Initiative (IMI) have been established in parallel. The numerous resulting research projects have generated considerable amounts of knowledge and innovative approaches. However, translation into new health interventions is below expectations and needs.

Therefore, in many areas of brain research, there is a particular need for better networking and coordination of efforts, at both European and global level, in order to minimise fragmentation and duplication. At the same time, better access to and sharing of data and holistic analysis of results are of crucial importance in line with the EC's Open science policy. Addressing these

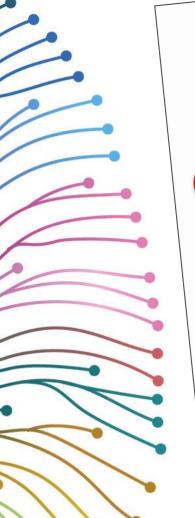
Coordinating European brain research and developing global initiatives

> 19.000 connections Under FP7 (2007-2013)

€ 5,3 blns over 2007-2017



Conference - Brain Research in Europe: Structuring European Neuroscience 18 September 2003, Brussels, Belgium



EU calls for the creation ef a European Brain Research Area

Brain specialists gathered in Brussels on 18 September to discuss how funding for European brain research could be better co-ordinated.

The Conference on "Brain Research in Europe: Structuring Eurpean Neuroscience", gathered representatives of public administrations, research funding bodies, patients' organisations and industry to discuss the creation of a European Research Area for brain research. "The brain and neurosciences are a field where Europe can do much more by working better together", said EU Research Commissioner Philippe Busquin. The investment in European neuroscience research is fragmented and this area of research is still under-funded.

On the occasion of the conference, the Commission announced that it was negotiating a 45 million euro worth of new projects for brain research, to be launched in 2004. This funding will be allocated from the FLI's Sixth Research Framework Programme.

and parkingon's, depression



Philippe Busquin European Commissioner for Research (1999–2004)

EBRA will gather:

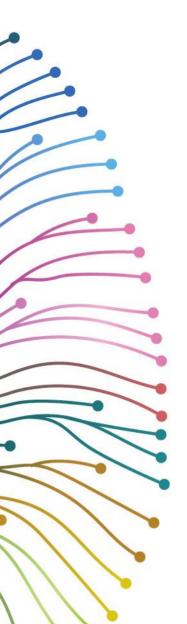
the brain research community at large the major brain research initiatives and the relevant stakeholders



- Networking and outreach
- Consensus building
- Align strategies and develop global initiatives







3. Working closer with NBCs

in our next operational plan



EBC mission and strategic plan



Core mission:

to promote brain research in order to improve the quality of life of those living with brain disorders in Europe.

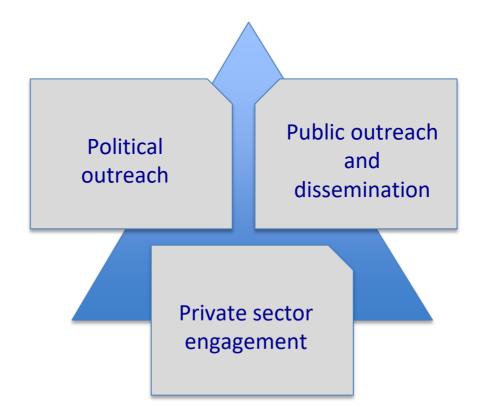
Main action areas:

- Fostering cooperation with its members organizations
- Promoting dialogue between scientists, industry and society
- Interacting with the European Commission, the European Parliament and other relevant international institutions
- Raising awareness and promoting education on the brain
- Disseminating information about brain research and brain diseases in Europe



Core activities

- A. Political outreach
- B. Public outreach and dissemination
- C. Private sector engagement (public-private sector interaction)





Reaching out nationally



































































EUROPEAN BRAIN COUNCIL

Call To Action

on the European Commission to come a European plan to tackle brain health in a straightful in the integrated and comprehensive manner, as ther support European Union Member States ted countries in their efforts to combat the ain disorders.

on European Union member states and countries to implement public health addressing brain health in a systematic the best possible use of available resources imulate more and better co-ordinated brain d to foster strategies for prevention, early agnosis and adequate treatment.



NBC Academy Meetings





Lisbon, 17-18.04.2018







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Executive Director

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