# PLAN-E

## 4th Plenary meeting
## Dublin 9-10 May 2016

Dr. Patrick J.C. Aerts

PLAN-E

PLAN-E Platform of National eScience Centers in Europe

- **DAY 1 May 9th**

- 12.00-12.30 welcome reception (light lunch items);

- 12.30-13.00 Welcome and introductions by Patrick Aerts, including introduction to the program and logistics

- Welcome by the local host

- 13.00-13.30 Evaluation of the meeting with Robert-Jan Smits
  - Short presentation about that meeting (Patrick Aerts)
  - how to have a good follow up (discussion)
  - how to link to ESFRI-projects (discussion)

- 13.30-15.00 Introductions to the workshop (1)
  - Open Science Conference (presentation)
  - eSkills for Science (Lene Krøl Andersen)
  - eSkills in education and post graduates (Sverker Holmgren)
  - Skills for eScience (Joshua Ryan-Saha) by Skype

- 15.00-15.15 Coffee/Tea break

- 15.15-17.00 Workshop 1, Two in parallel:
  - eSkills for research, courses at post doc/PhD level
  - eSkills in education: what has to brought into the university curricula and how to achieve this

- 17.00-18.00 Wrap up and conclusions

- DAY 2, May 10th
- 08.30-09.30        Discussing the White Paper and converging to a final version Including distribution
- 09.30-11.00        Introductions to the second workshop: Software and Data
  - Rob van Nieuwpoort
  - Genevieve ROMIER
  - Patrick Aerts
- 11.00-11.15        Coffee/tea break
- 11.15-12.45        Workshop 2
  - Software sustainability issues, technical (minimum conditions, software seal of approval)
  - Plans for implementation of policies
- 12.45-13.30        Lunch
- 13.30-15.00        Final session:
  - Concrete actions for the PLAN-E activity list 2016-2017, including suggestions for the website;
  - A short update round along all members
  - Presentation next meeting
  - Other topics that might arise during the meeting
- 15.00                End of meeting

# Meeting concept

- Two workshop sessions, both in parallel, plenarily introduced by a few speakers

- Workshop 1 is on eSkills:
  - Basic education as in a university curriculum
  - Courses and "Software Carpentry"

- Workshop 2 is on Data Stewardship and Software Sustainability
  - Concepts for policy and stimulus actions
  - Practical implementation matters

- Plenary sessions for introduction, formal meeting issues, round up and next meeting

# Welcome by the local host

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# About the meeting with Robert-Jan Smits, DG Research&Innovation

➢Evaluation of the meeting with Robert-Jan Smits

➢How to have a good follow up (discussion)

➢How to link to ESFRI-projects (discussion)

➢How to strengthen the links with DG Connect?

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# Meeting Robert-Jan Smits (1)

➢ PLAN-E invited RJ, to introduce the concept of eScience and PLAN-E

➢ Event during the ESFRI Roadmap Update, Amsterdam March 10 2016

➢ Nice attendence by PLAN-E members (some came over especially for the occasion)

➢ Augusto Burgueno-Arjona from DG Connect joined the meeting too


➢ Presentations given by:
  ➢ Wilco Hazeleger (on eScience)
  ➢ Patrick Aerts (on PLAN-E)
  ➢ Sverker Holmgren (on the e-IRG and NeSCI perspectives)

# Meeting Robert-Jan Smits (2)

- Results from the meeting:
  - ✓ DG Research&Innovation now got acqainted with eScience
    - ✓ Its scope and potential
    - ✓ Its community and function
  - ✓ Dg Research&Innovation wants to be connected with PLAN-E

- Three major topics:

  - ✓ Approches to Data Stewardship and Software Sustainability

  - ✓ Requiring explicitly eScience-skilled people on board (ESFRI)-projects

  - ✓ eSkills: accelerating eSkills for eScience

# Meeting Robert-Jan Smits (3)

- Our requests, suggestions:

➢ **PLAN-E seeks to share its gaining knowledge with all researchers and research activities in Europe;**

➢ **PLAN-E seeks to support the EC concerning future directions in science where ICT and e-infrastructures may play a major role;**

➢ **PLAN-E seeks to advice on future e-Infrastructure directions from the user perspective;**

➢ **PLAN-E seeks to advice on disciplinary approaches to data stewardship and software sustainability and scientists's involvement.**

# Meeting Robert-Jan Smits: Follow up

- Round table discussion (13:00-13:30): how do we get PLAN-E involved in:

    - formulating call texts and

    - get eScientists explicitly required for certain projects/programs in ESFRI and/or H2020?

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    - Remember: we will send the final version of the White Paper shortly after the Dublin meeting

    - We can use the accompanying letter to address the issue

    - Perhaps we can do more?

# Open Science Conference (1)

- On April 4,5 the Open Science Conference was held in Amsterdam.
- It was the Dutch Presidency Conference for Science, Culture and Education
- Open Science Conference

- Expert or political meeting | Ministry of Education, Culture and Science | Competitiveness

- 4 April 2016 - 5 April 2016
- Europe Building, Amsterdam

- Open Science is a key priority of the Dutch Presidency. The Netherlands is committed to open access to scientific publications and the best possible re-use of research data, and it would like to accelerate the transition this requires.

# Open Science Conference (2)

- **Michiel Kolman PhD Sr VP, Global Academic Relations, Elsevier**

- **Innovation with participation**, Professor Johannes Vogel, Ph.D. ,Museum für Naturkunde, Berlin

- **Priorities for Science Communication** Elizabeth Marincola, CEO, PLOS

- **Enabling Open Science, Our Vision for Partnership and Action**, Philip Carpenter, Wiley

- **Open access (good for) business,** Jan van den Biesen Vice President Public R&D Programs, Philips Research representing BUSINESSEUROP

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- **Involving the Science Community in Data Stewardship and Software Sustainability:** A Conceptual Approach, Patrick Aerts, NLeSC+DANS

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# OSC: Break out Sessions

- **I Impact**
  - Evaluation of research(ers) mainly focuses on numbers of publications and citations. This practice provides insufficient incentives for researchers to share their knowledge with society and businesses. Consequently, the societal impact of science is suboptimal. What to do? Give more value to this in evaluations. How? By developing and implementing goals, indicators and metrics for societal impact in academic evaluation systems worldwide. In this session we will contribute to the action plan with help of relevant stakeholders: government, universities, funders, researchers, publishers and other service providers.
- **II Involvement**
  - "The key actors in the transition to Open Science are ultimately the researchers and their communities. Their motivation and active participation to share their data and publications is a sine qua non for transforming the scholarly communication system. Top-down approaches enforcing open access and data sharing need to be complemented by involvement from researchers themselves. What motivates researchers to share their research outputs as publications, data and software? What new initiatives and opportunities for sharing results increase the involvement of researchers? How to make sure that the rules for sharing, such as with respect to data management, are perceived as useful by different research disciplines and not as just another demand in order to get projects funded?"
- **III Infrastructures for Publications and Data**
  - The current infrastructure for storing, curating and sharing and re-using research output is a relatively new infrastructure. Several successful projects and organisations have provided pieces of the open science infrastructure puzzle. At this stage the existing infrastructure would benefit from the creation of funding and business models, governance models and additional coordination. This is the case for different sorts of research output. Although the infrastructure for supporting open access publications and the infrastructure for supporting research data show similar needs, the maturity and complexity of the infrastructures and the possible solutions vary greatly. Therefore we organize two parallel sessions in the Open Science conference in April; one on research data infrastructure and one on open access publication infrastructure. Both aiming to contribute to the action plan. Main questions in these sessions will be: What are the most promising scenario's for a sustainable open access infrastructure (for publications and data) to be developed in Europe?
- **IV Innovation**
  - "Open innovation is about involving far more actors in the innovation process, from researchers, to entrepreneurs, to users, to governments and civil society, etc. Research and innovation must take a long term perspective and not be trapped by the past. And we must make sure that each one of our actions brings in new entrants, young researchers, dynamic entrepreneurs, and people who have never been involved in European research and innovation" European Commissioner Carlos Moedas. During the Innovation session we will present a draft Action Plan on Innovation in Open Science. Our focus is on fostering innovative initiatives in shaping scholarly communication and in bringing new users into the Open Science equation to increase societal impact. The items on the action plan will be illustrated by several short pitches and activities. We will call upon the ideas of participants for enhancements.
- **V Information**
  - In order to bring together and accelerate initiatives by stakeholders, member states and the European Commission, there is a need for greater information-sharing at European level. For instance, what targets do the various member states have for achieving open access, and how do they intend to put them into practice? Information is already being collated and disseminated at various levels in the field. A structured, open and European approach can give fresh impetus to a better and more efficient exchange of information. There need to be clear agreements on the principles of information-sharing. This will enable the parties in the field to take targeted information-sharing a step further, with the full support of the member states. In the Information session, a contribution will be drafted for the action agenda, based on the agreed principles for information-sharing.

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# OSC-relevance to PLAN-E

- Open Science is an important "code"-name (=buzz word) for new policy at the EC-level.

- Use this vehicle to get involved

- Data, Software and publication sharing

- Sharing e-infrastructures

- Community building