

# PLAN-E

**6th Plenary meeting**

**Poznan 27-28 April 2017**

Dr. Patrick J.C. Aerts

PLAN-E

# Today is Kingsday in the Netherlands

- King Willem-Alexander reached 50 years today
- Free day in the Netherlands
- Celebrations everywhere



# Welcoming

- Guido Aben, from Australia's Academic and Research Network (AARNet)
- Augusto Burgueno-Arjona from the EC
- All of you

# The 6<sup>th</sup> PLAN-E Plenary

- Will be devoted to three topics:
  - *co-operations and synergies towards the EOSC*
  - *PLAN-E strengthening and positioning*
  - *Interoperability in data and software*

# PLAN-E Platform of National eScience Centers in Europe

- **DAY 1 April 27<sup>th</sup>**

- 12.30-12.45 Welcome and introductions by Patrick Aerts, including introduction to the program and logistics
- 12.45-13.15 Welcome by the local host, overview of activities at PSNC
- 13.15-15:30 Introductions to: “Europe and its Open Science Cloud”
- 13.15-13.45 On behalf of the EC (Augusto Burgueno-Arjona)
- 13.45-14.00 On behalf of the Netherlands (Patrick Aerts)
- 14.00-14.15 On behalf of the UK (Matthew Dovey)
- 14.15-14.30 On behalf of Germany (Arndt Bode)
- 14.30-14.45 On behalf of France (Genevieve Romier)
- 14.45-15.00 On behalf of Poland (Norbert Meyer)
- 15.00-15.15 On behalf of the Nordic Countries (Andreas Hellander)
- 15.15-15.30 On behalf of Italy (Luciano Gaido)
- 15.30-16:00 PSNC Tour+Coffee/Tea break
- 16:00-17:30 Discussion on the presented cases
- 17:30-17:45 Wrap up and diner logistics
- 19.00 Diner

# PLAN-E Platform of National eScience Centers in Europe

## •DAY 2, April 28<sup>th</sup>

- 09.00-09.30 Introductions new associated member: Australia
- 09:30-12:00 Workshop positioning PLAN-E for FP6
- 09:30-09:45 Introduction to the topic by Patrick Aerts
- 09:45:11:30 Workshopping in parallel sessions, addressing the same topics:
  - eScience dreams and beyond: our own positioning:
  - Do we the right things, do we things right;
  - What would we like achieve for FP9?
  - How to bring eScience as an horizontal track in FP9? What should be part of our mission towards FP9 and how to materialize these ambitions?
  - Should we address Science Europe (they established an FP9 working group)
  - Other advice
- 11:30-12:00 Reporting from the sessions in the plenary
- 12:00-13:00 Lunch
- 13.00-15.00 Workshop Interoperability of data and tools
- 13:00-13:30 Interoperability: what do we mean by that? Peter Doorn
- 13:30-14:30 FAIR and “I” questions, in breakout sessions
- 14:30-15:00 Plenary reporting
- 15:00-15:15 Presentation next meeting and venue: Oxford hosting
- 15.15-15:30 Conclusions, Wrap up

# Meeting concept

- *Three workshop sessions:*
- *Workshop 1 is on co-operations and synergies towards the EOSC*
- *Workshop 2 is on PLAN-E strengthening*
- *Workshop 3 is on Interoperability*
  
- *Breakout sessions will be google.docs supported*

# Thanking

- Our local host, PSNC
- In particular Norbert Meyer, who made this possible
- And Donata Sikorska for her valuable support

# Bridging science visions, ICT and e-infrastructures

We have  
visions to  
realize



eScience work domain



We know  
everything  
about ICT and  
e-infrastructures

# PLAN-E common interests

## ➤ eSkills:

- Address education (graduate and post graduate) about new skills requirements

## ➤ Promotion:

- Promote and stimulate the advancement of eScience

## ➤ Openness:

- Promote openness, sharing, cross learning

## ➤ Cooperation:

- Promote cooperation across disciplinary, institutional, national and ICT-infra boundaries

## ➤ Data and software:

- Create awareness concerning data stewardship and software sustainability

## ➤ e-Infrastructures

- Need to be top-of-the-line. Advice from user point of view.

# Co-operation versus competition

- **Co-operate where you can, compete where you need:**
- **Competition is good for science, co-operation is good for creating the best conditions for competition**
- **PLAN-E -at least for the time being- will not apply for grants as a collective. Rather it paves the way for collaborations between its members -also for funding-.  
(Possible exception: Support action for secretarial activities and workshops)**
- **We might consider a paid membership**
- **We might consider broadening our basis by adding non-national escience centers**

# Scope of PLAN-E (1). PLAN-E:

- ✓ **Forms a forum for exchanging knowledge and expertise in the field in order to strengthen the European position in the eScience domain;**
- ✓ **Discusses common approaches to eScience;**
- ✓ **Communicates about eScience and the way it is showing results in all disciplines;**
- ✓ **Represents the European eScience scene as embodied by the PLAN-E community externally and internationally in addition to the individual representations from the participating members where applicable. In particular towards the EC in relation to future funding schemes;**
- ✓ **Discusses evaluation criteria for the quality, impact and benefits of eScience activities;**

# Scope of PLAN-E (2). PLAN-E:

- ✓ **Supports actions towards data stewardship and software availability and sustainability;**
- ✓ **Will take endeavours to stimulate quality and quality ranking of eScience publishing means;**
- ✓ **Facilitates the interaction between its members;**
- ✓ **Will encourage and provide eScience requirements towards improved e-infrastructure provisioning and usage;**
- ✓ **Will communicate best eScience practices regarding the use of e-infrastructures and ICT tools;**
- ✓ **Will strive for the improvement of the skills-level of students and researchers in eScience techniques and stimulate the upgrading of the status of eScience technologists and engineers.**

# PLAN-E meetings

- **Constituting meeting Amsterdam October 2014**
- **Copenhagen meeting April 2015, with parallel workshops**
- **Munich meeting @ IEEE eScience Conference, August/September 2015: full day workshop and delegates meeting**
- **March 10th 2016 meeting *ad hoc* with DG Research&Innovation**
- **May 2016 meeting in Dublin**
- **8-9 September meeting in Switzerland**
- **April 27-28 2017 meeting in Poland**
- **Next meeting in Oxford (sep-nov 2017)**
- **After that we go to France and then to Sweden in 2018.**



# On eScience, Data Research and Computational Science coherence and links to past and future

- **Computational Science** is a science, developed since the fifties, where domain research brings physical models (formula's) to life (simulation) through computer codes in close interaction with computer systems and architectures. Differences in calculated outcome and experiments may be due to (physical) model limitations, computer limitations and combinations thereof. It is the art of the trade to analyse that and improve the results.
- **Data Research** encompasses the handling, analysis and the science of gaining knowledge from data. It is not new, but for the very scale in which data are produced and become available.
- **eScience** is the new direction, with a problem driven, holistic approach, encompassing computational science, data research, making use of what comes out of Computer Science and of the e-infrastructure as a whole.
  
- eScience is the domain that survives the hypes and temporary trends, because it adapts continuously

# Welcome by the local host

- Next presentation...