

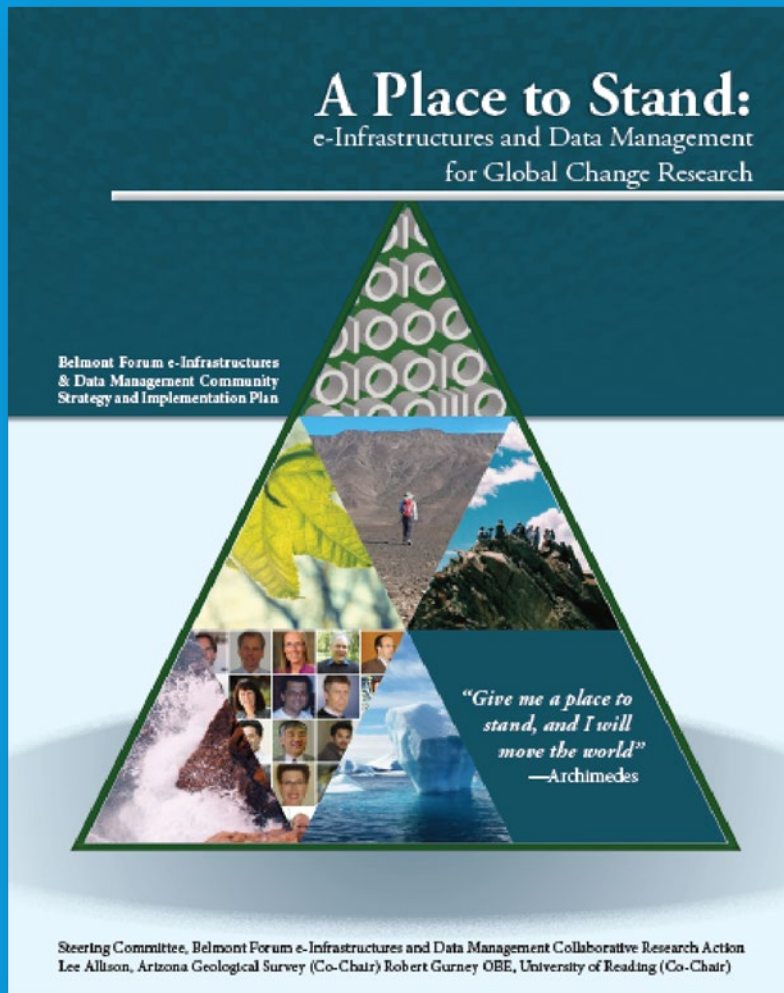
# Belmont Forum and the e-Infrastructures & Data Management Project

## 2018 Plenary Report

Bob Samors  
Coordination Officer



# e-Infrastructures & Data Management Project



**Belmont Forum Plenary  
approved  
e-I&DM Project  
October 2015**

# Belmont Forum Open Data Policy & Principles October 2015

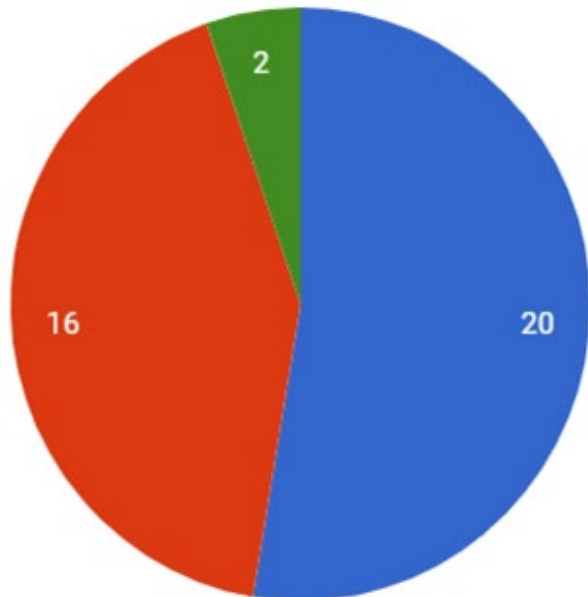
## Data should be:

- *Discoverable* through catalogues and search engines
- *Accessible* as open data by default, and made available with minimum time delay
- *Understandable* in a way that allows researchers — including those outside the discipline of origin — to *use them*
- *Manageable* and *protected from loss* for future use in sustainable, trustworthy repositories

*The Belmont Forum and its members will support and promote this data policy and principles with the intent of making these data principles enforceable over time.*

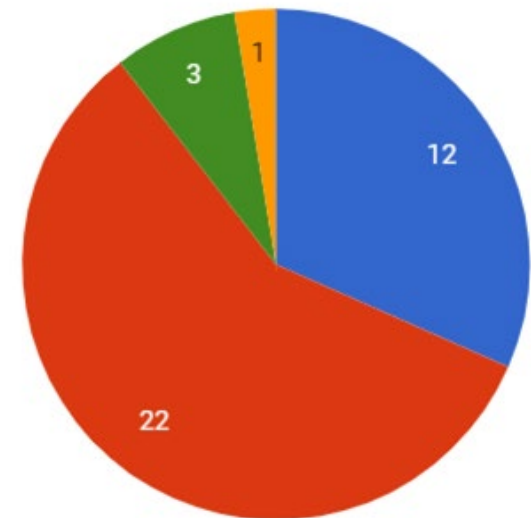
# Belmont Forum Member Data Policies

Funders with written policies for open data



● Yes ● No ● In development

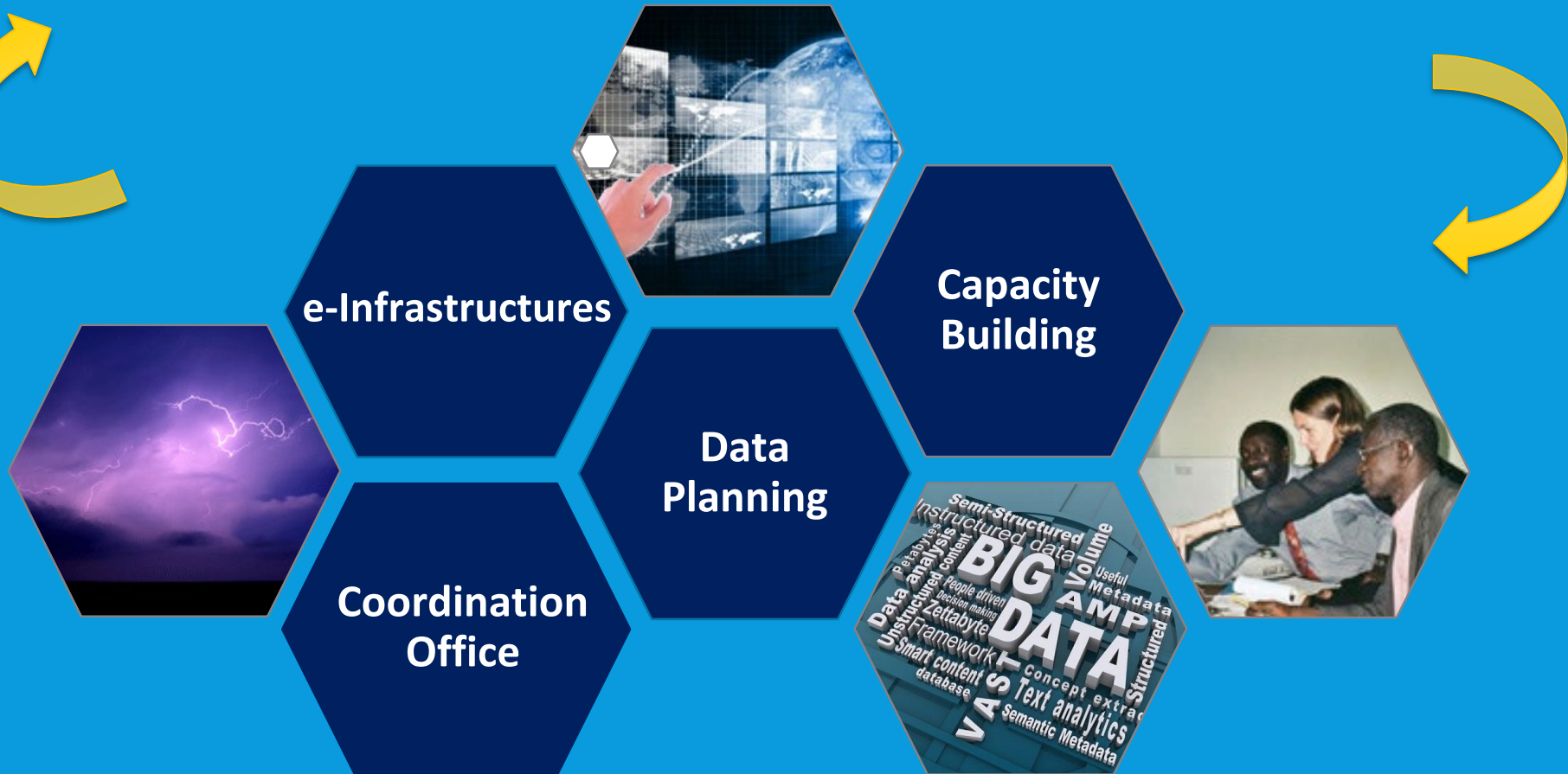
Funders requiring a Data Management Plan  
(at any stage)



● Yes ● No ● In development  
● Conditionally, based on project

# e-I&DM Implementation

Belmont Forum Coordinated Research Actions (CRAS)



# Data Planning and Policy

## Data and Digital Outputs Management Plan (DDOMP)

- Life cycle of funded project
- Required of all Belmont Forum pre/full proposals and awards
- Continuous process improvement (Revised May 2018)
  - Input from GPCs, grantees, science publishers, data science community

## Data Accessibility Statement (DAS)

- Developed in collaboration with science publishers
- Designed to harmonize data access information from beginning to end of project

# E-Infrastructures

## Science-driven e-Infrastructures Innovation (SEI) CRA

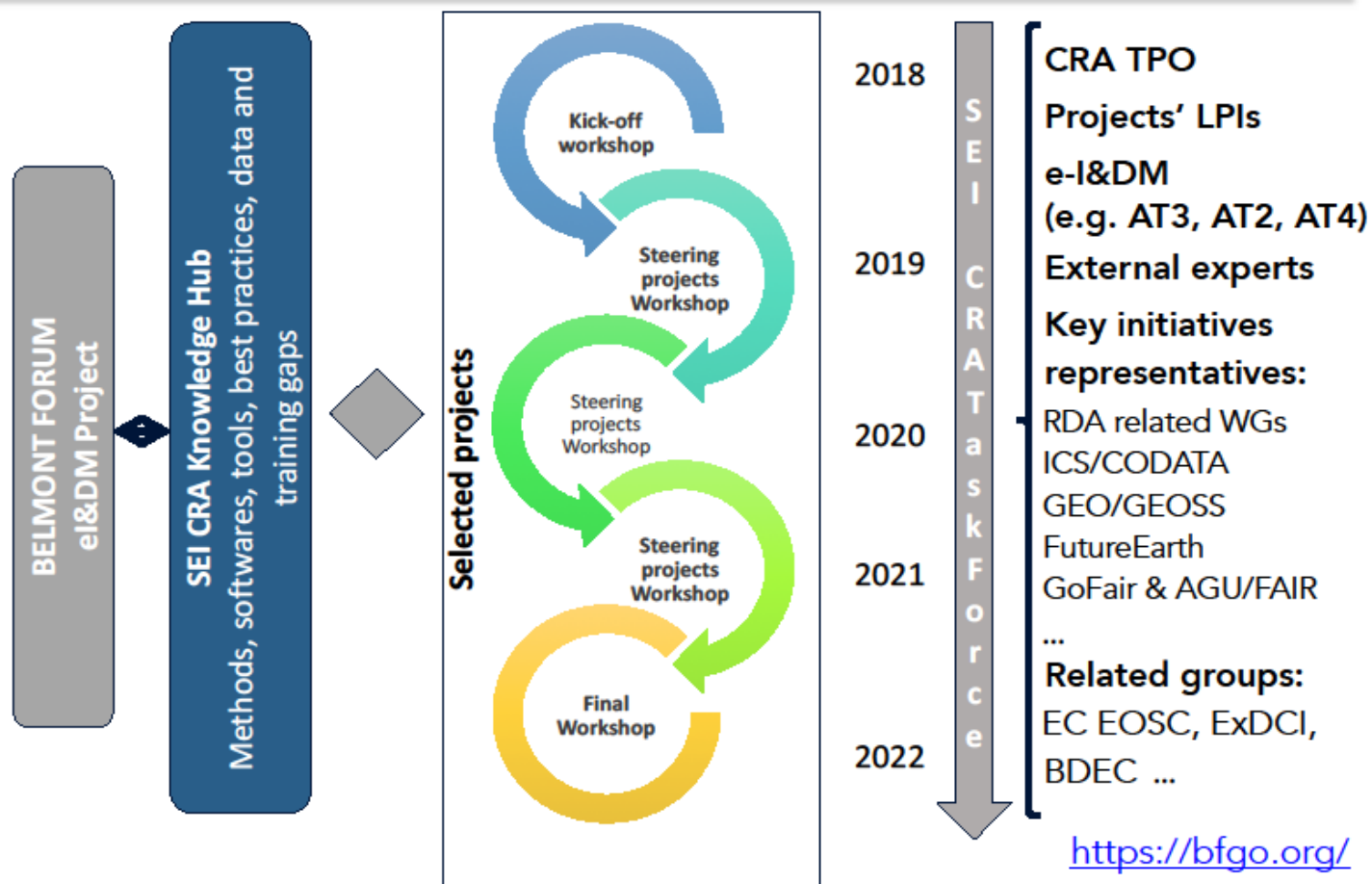
Brazil, Chinese Taipei, France, Japan, United States

- 9 eligible proposals received from 5 countries
- Panel of Experts (PoE): Robert Gurney (UK), Chair; Lesley Wyborn (AUS), Co-Chair; other members: Netherlands, Japan, Chinese Taipei and United States
- Timeline: PoE meeting on November 26; GPC meeting on November 27 - both at ANR in Paris
- Proposal topics:
 

agro-biodiversity	Big Data/image curation
climate change adaptation	socio-economic
urban	

# E-Infrastructures

## Key SEI CRA features: implementation





# Capacity Building

**Dr. Wade Bishop** appointed Capacity Building Lead (July 2018)  
Assoc. Professor, School of Information Sciences, Univ. of Tennessee

## Priorities

- Prioritize upskilling needs
- Inventory Belmont Forum data skills training resources
- Create toolkit to assist grantees in meeting DDOMP requirements
- Deliver data management workshop for GPCs/grantees

## Coordination

- Collaborating with ESIP and CODATA to identify data skills resources
- Integrated transdisciplinary training module - START, ISC, FutureEarth and IAI

# Coordination, Communication & Collaboration (C3O)

## Maximizing coordination of e-I&DM Action Themes

- GPC/SCG (ANR, JST, MoST, NERC, NSF) bi-weekly teleconferences
- Partnership with Belmont Forum Secretariat
- Consultation with Belmont Forum (Data Liaisons) & grantees

## Locus communications, outreach & engagement

- Oversight Committee (CODATA, FE, GEO, ISC, RDA, WDS)
- Integration/collaboration with global data science organizations/initiatives, including:
  - AGU Enabling FAIR Data
  - ESIP Data Management Training Clearinghouse
  - RDA Map of the Landscape, Publishing Standards IG

**Website:** [www.bfe-inf.org](http://www.bfe-inf.org)

# Priorities November 2018-February 2019

- Further **integrate DDOMP** into emerging CRAs
- Administer **SEI CRA**; develop SEI CRA Task Force
- Prepare next **revision of DDOMP**
- Deliver **data skills training** toolkit and workshop(s)
- Publicize/present **online introduction** to TD and DDOMP
- Continue **collaboration** with data science community
- Expand **adoption of DAS** across funder, publisher and research communities
- Develop **metrics/criteria** to evaluate DDOMPs & implementation
- Contribute to **evaluation of BF Open Data** efforts

# Post-February 2019: Achieving the Open Data Policy and Principles

To maintain the momentum toward fulfilling the objectives of the Open Data Policy and Principles, and to continue its global leadership in the open data movement, will require the Belmont Forum to continue investing energy and resources to:

- Fully **integrate DDOMP** into CRA process; acculturate data management across Belmont Forum agencies
- Continuously **refine DDOMP** based on “user experience” and evaluation of implementation
- Expand data **skills training** for future CRA proposers and GPCs
- Continue/expand **collaborations** with global open data movement
- Increase focus on **data reuse** to achieve transdisciplinary objectives (i.e., repositories, synthesis centers, science publishers)