Natalia Manola
Athena Research & Innovation Center & Univ. of Athens
Managing Director of OpenAIRE

OpenAIRE

Making Open Science a reality
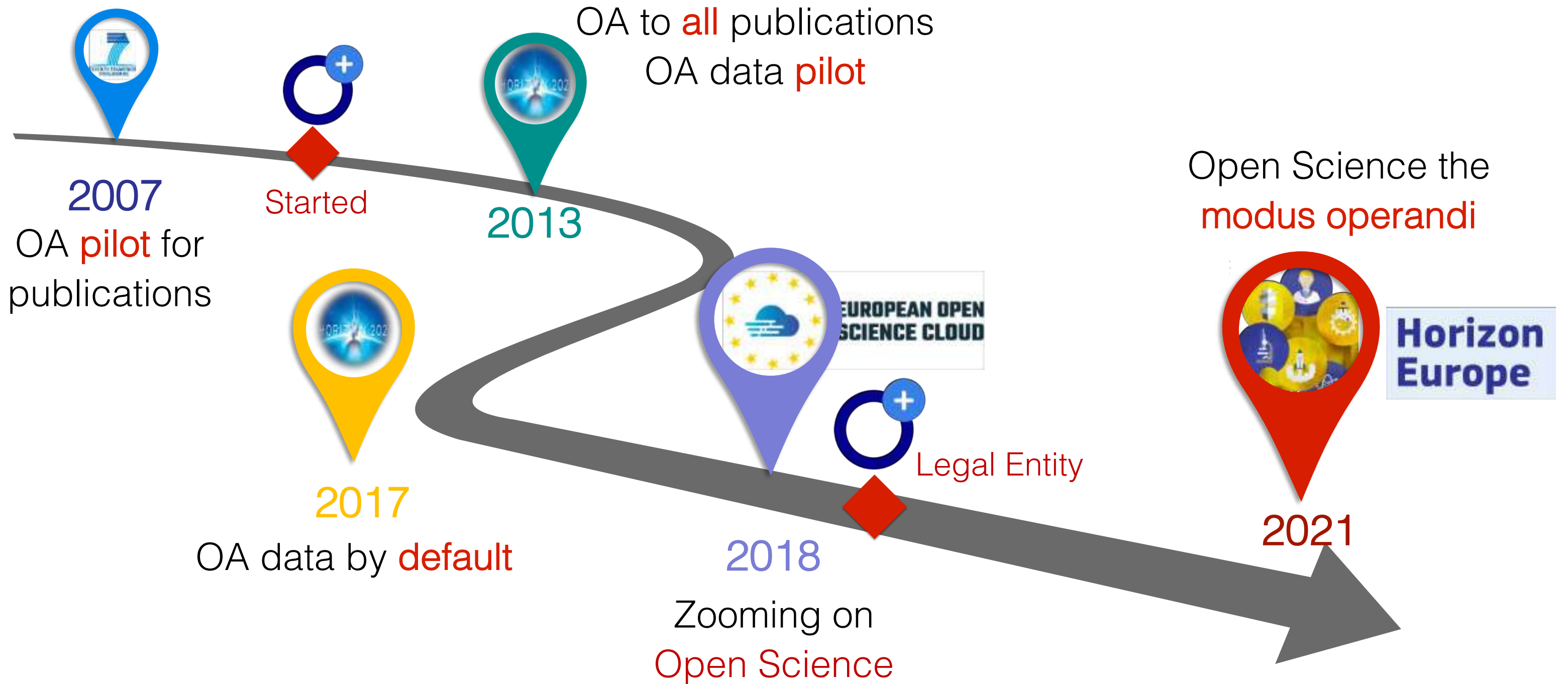A pillar of the European Open Science Cloud

What is Open Science

Open

publications
research data / FAIR data
software
methodologies / protocols
educational resources
processes (open peer review)

Open research to non-researchers – open innovation, citizen science

Open Science in the EU and OpenAIRE

OA to **all** publications
OA data **pilot**

2007
OA **pilot** for
publications

Started

2013

Open Science the
modus operandi

2017
OA data by **default**

2018
Zooming on
Open Science

Legal Entity

2021

OpenAIRE

Who is OpenAIRE

e-Infrastructure / e-Science Service Providers

Infrastructure experts

Metadata experts

Big data technologies

Text & data analytics

34 National Open Access Desks

Organizations experts in OA

Legal Experts

IPR

Data privacy

Regional/Topical Experts

4 regional coordinators
3 topical coordinators

Data Communities

EU Research Infrastructures

Citizen Science
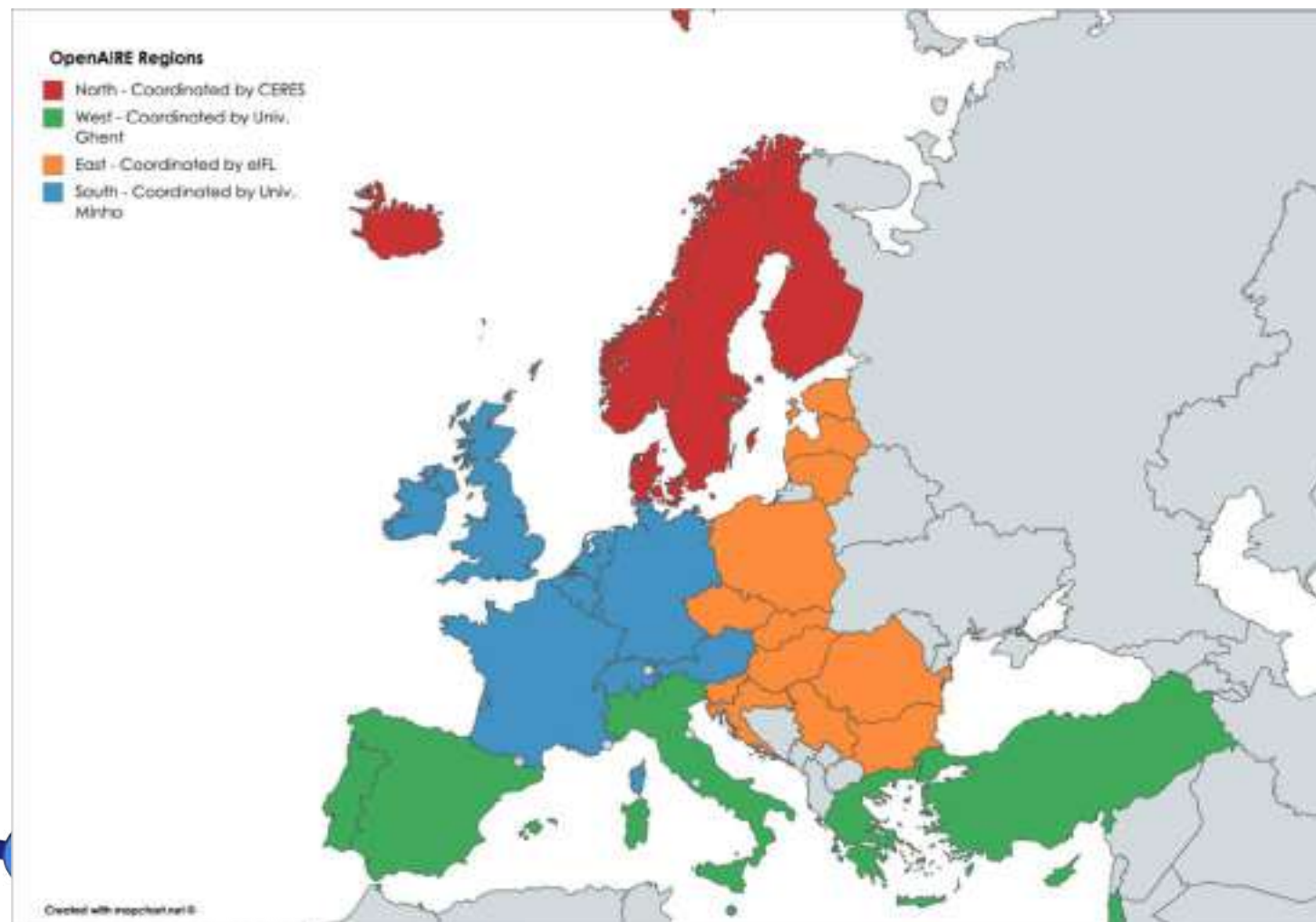
National infrastructures

Open Innovation

Scholarly communication services

OpenAIRE

National approach

National Open Access Desks (NOADs)

A pan-European network to address **diversity** in culture & **maturity** of national/local infras

34 countries
→ Key national organizations
4 regional area coordinators
3 coordinators for
- Policies
- Research data management
- Legal issues

International outreach

Linked to infras around the world

Policies

Aligning

Training

Empowering

Services

Connecting

OpenAIRE

Policy alignment and implementation

GOAL: uniform policies

- **Concrete recommendations for implementations for**
  - Funders, national infrastructures, institutions

- **Including different flavours to address different needs**
  - Open Access to publications – gold, green, diamond, licences, IPR
  - FAIR / Open Data – identifiers, metadata, licences, DMPs, …
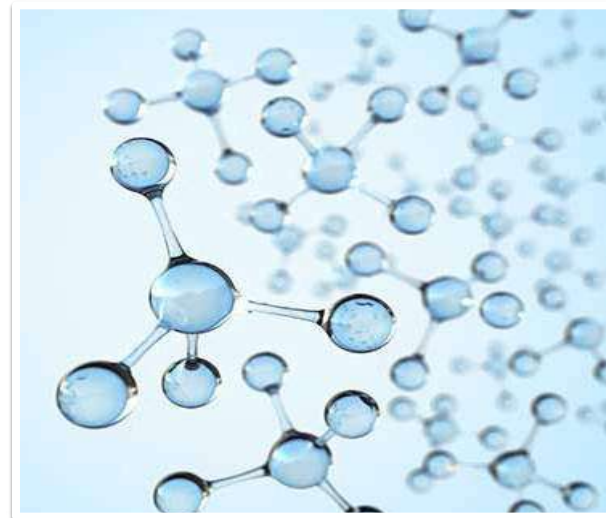 - Business models/ funding for accessing cloud or HPC computing

Support and Training

OS policies

- Harmonization for policy makers
- Consulting

Infrastructure

- Interoperability
- Setup
- Connectivity
- Repositories

Open Research Data

- FAIR data
- Open data
- Tools
- Legal
- Compliance

OA to publications

- Guidelines
- Tools/repositories
- Licenses
- Compliance

Support and Training

Distributed and hierarchical training: *train-the-trainers*

NOADs ⇢ National / research infras, organizations ⇢ Researchers
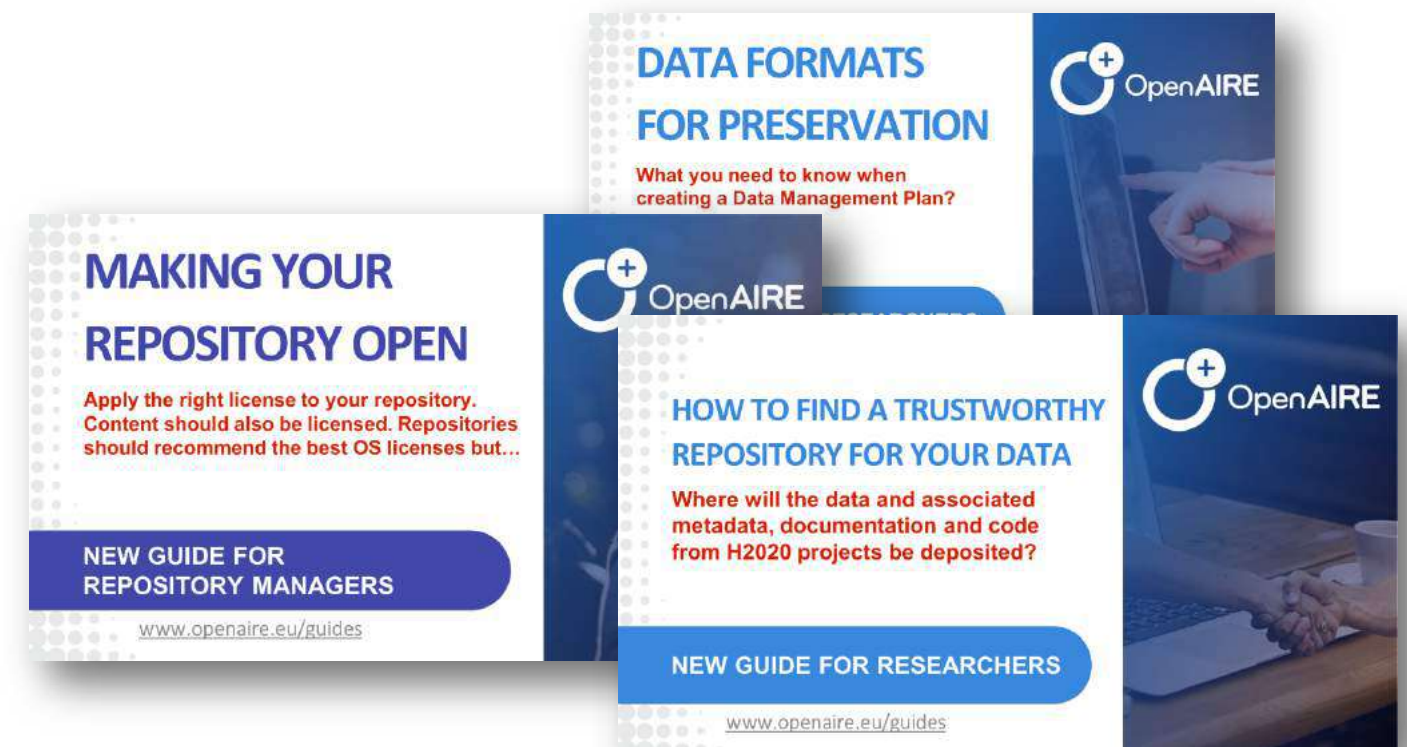

HELPDESK
- Ask a question
- FAQs

RESOURCES
- OA guides
- Copyright issues
- Factsheets

TRAINING
- Webinars
- Workshops

DATA FORMATS FOR PRESERVATION
What you need to know when creating a Data Management Plan?

MAKING YOUR REPOSITORY OPEN
Apply the right license to your repository. Content should also be licensed. Repositories should recommend the best OS licenses but…

NEW GUIDE FOR REPOSITORY MANAGERS

www.openaire.eu/guides

HOW TO FIND A TRUSTWORTHY REPOSITORY FOR YOUR DATA
Where will the data and associated metadata, documentation and code from H2020 projects be deposited?

NEW GUIDE FOR RESEARCHERS

www.openaire.eu/guides

45 webinars **2790** participants
55 f2f training events   **1637** participants
8 train-the-trainer events **155** OS trainers

2018

Services for all stakeholders

Monitor — Funders, institutions, RIs, initiatives, 3rd parties

Research Analytics · Funder Monitoring Dashboard · APIs

Accelerate — Content providers, Research Infras

Schole Explorer · Interoperability Guidelines · Usage Analytics · OA Broker

Support — Researchers, …

Training · zenodo · amnesia · OpenDMP

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