



Geothermal  
ERA-NET



***European Technology and Innovation  
Platform (ETIP) on Deep Geothermal  
constitutional Meeting***

***Brussels, Belgium***

***6 April 2016***

**Geothermal ERA NET  
Coordination Office  
Orkustofnun, Iceland**



Cooperation between European  
countries through the  
***Geothermal ERA NET***

slides from  
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Geothermal ERA NET Coordination Office

presented by **Paul Ramsak**  
Netherlands Enterprise Agency / RVO  
Leader WP2 Information Exchange

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# Geothermal ERA-NET Consortium



	IS	Orkustofnun (National Energy Authority, Iceland)
	NL	Rijksdienst voor Ondernemend Nederland
	CH	Swiss Federal Office of Energy (SFOE)
	I	National Research Council of Italy (CNR)
	D	Jülich (PTJ)
	F	ADEME ( BRGM as third party)
	IS	Icelandic Centre for Research (RANNÍS)
	TR	TÜBITAK (Scientific and Technological Research Council of Turkey)
	SVK	Slovak Ministry of Education, Science, Research and Sport

## *New partners*

	MFIG	Hungarian Geological and Geophysical Institute
	SED	Slovenian Energy Directorate
	EAD	Electricidade dos Acores

**Geothermal ERA NET  
Coordination Office  
Orkustofnun, Iceland**

**Lead partner is Orkustofnun**  
operating the  
**Geothermal ERA NET  
Coordination Office**

**Good geographical balance**  
(North-West to South-East  
Europe) Partner countries chosen  
a.o. on basis of their 2020/2050  
geothermal ambitions



# Objective

**Communicate** with principal **stakeholders** and enhance **public awareness** on the **added value and benefits of geothermal scientific and policy issues**



Increase **transnational collaboration** in **research training and mobility**



## Prepare Policy and Implementation for a Common European Geothermal Action Plan

for geothermal energy technology research, development, deployment and innovation supported by member states

## Prepare and Implement Joint Geothermal Activities

(e.g. transnational funding activities)



# Objective

**Exchange information** on the status of geothermal energy



Lay groundwork to create a **European Geothermal Information Platform**



Highlight **barriers** and **recommend practical solutions**



**Recommend measures to Strengthen European Geothermal Development, for Economic Opportunities, Energy Security and Mitigate Climate Change**

# EU pillars of the geothermal sector

Three important EU pillars to strengthen  
the geothermal sector in Europe



Industry

Public authority

Research

**“third pillar” – public sector**

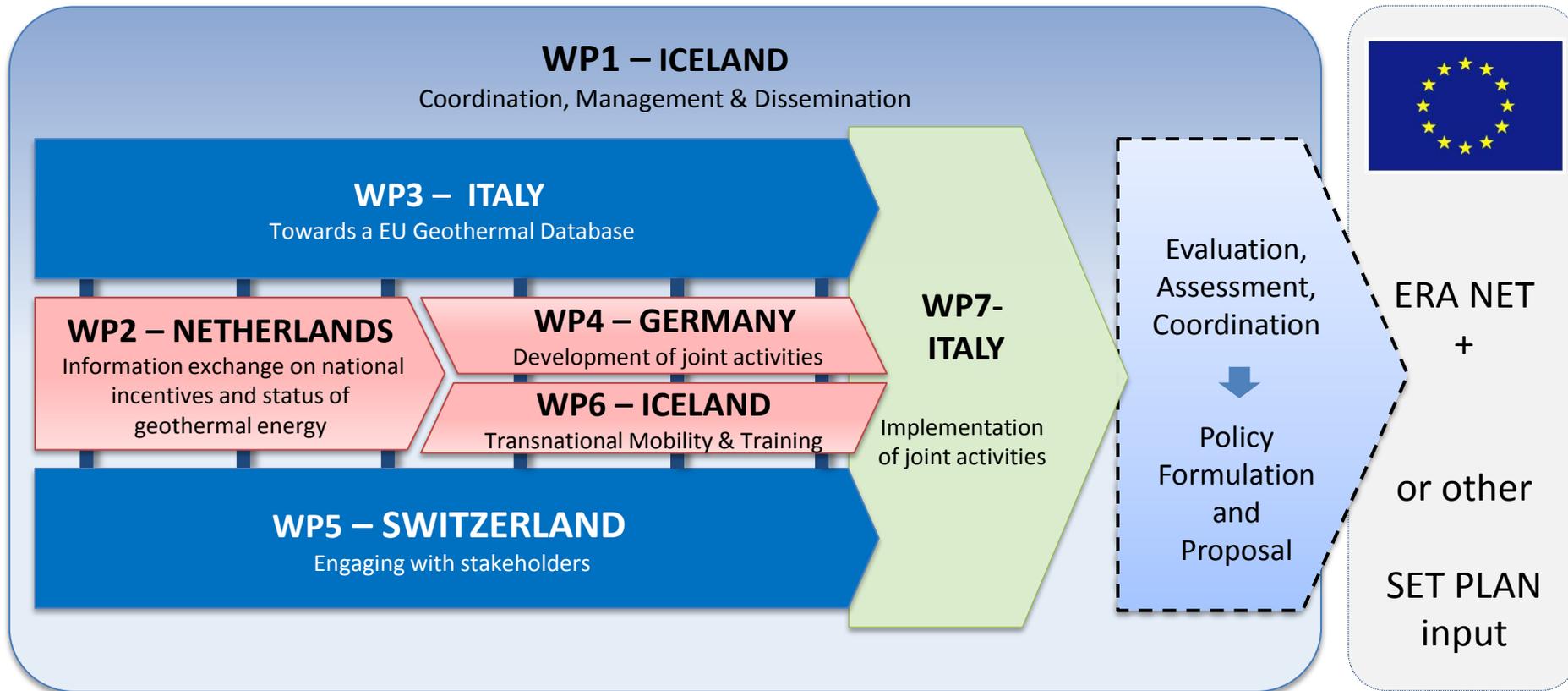
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## Geothermal ERA NET VISION

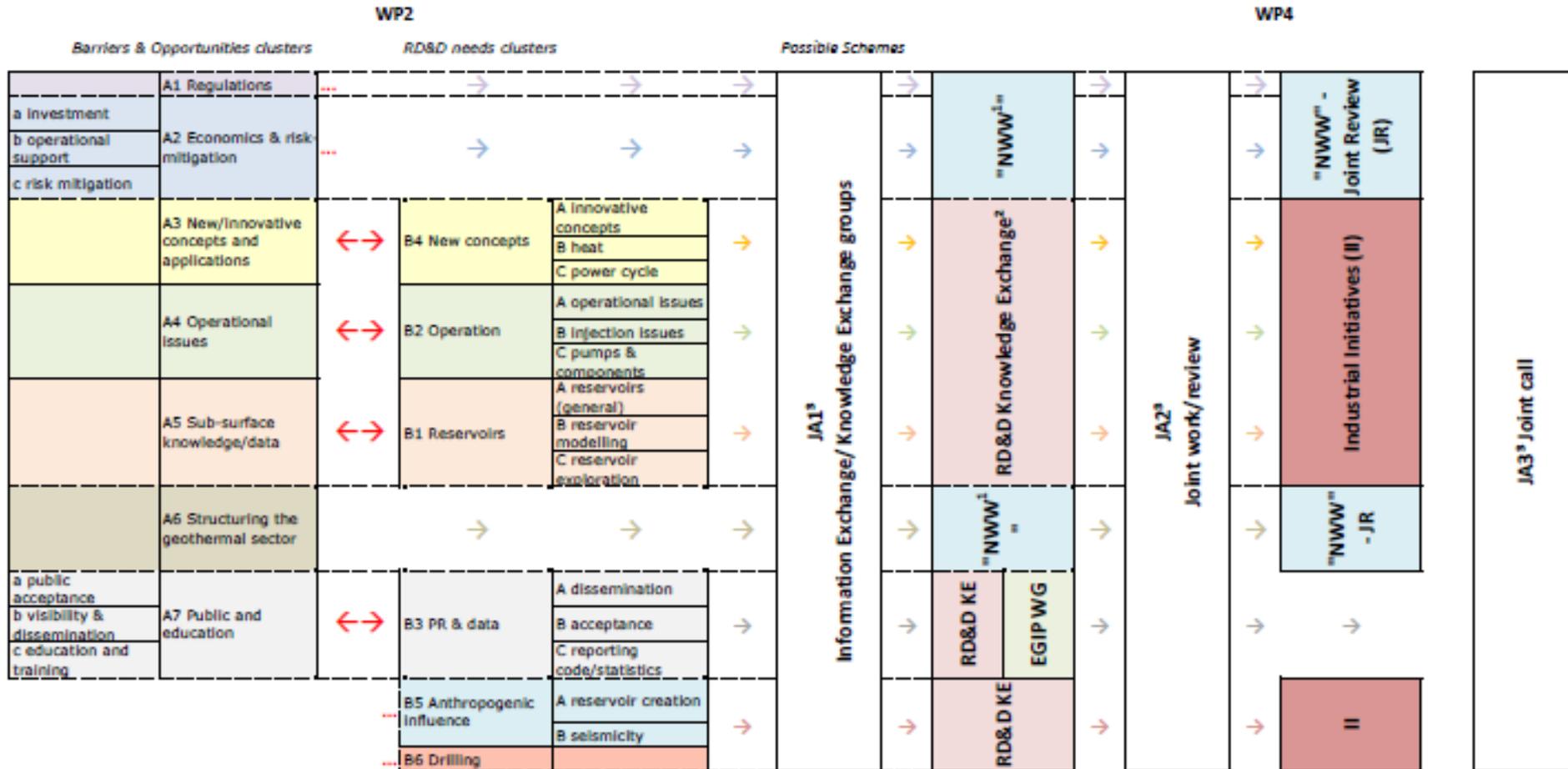
- *Minimize the fragmentation of geothermal research in Europe*
  - *Build on European know-how and know-who to utilize geothermal energy*
  - *Contribute to a framework to realise large opportunities in the utilization of geothermal energy through joint activities*
-

# Objective and Task – Preparing Next Steps

Analysis -> Assessments -> Joint Activities -> Implementation -> Future Policy



# Joint activities



1. Operation and steering of research funding
2. Financial instruments for the enabling of private investment
3. Operational issues
4. Public relations
5. New concepts
6. Reservoir sustainability
7. Interoperability of data
8. EGIP



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## Types of actions:

- ✓ Identify and engage affected stakeholders, lead experts of the specific topics
- ✓ Organization of workshops, roundtables
- ✓ Publications of workshop proceedings, recommendations



WP4 D4.1  
PlJ Schreiber, Fichter (k.schreiber@fz-juelich.de)  
November 2014

# Follow-up: GEOTHERMICA ERA-NET Co-fund action



- ERA-NET Cofund Action **GEOTHERMICA** (2017-2021) submitted on 5 April 2016 (LCE-34-2016)
- 16 «Research Program Owners and Managers» from **13 european countries**
- Targeted funds for 1<sup>st</sup> Call: € 25-30 million (33% EU contribution, 67% input from partners)



- «**Transnational Call**» for **Pilot- and Demonstration Projects with very strong industry participation**
- Target «Direct use & power generation embedded in an energy system» - more specified during the Call
- Decision of the European Commission expected for Q4-2016
- 1<sup>st</sup> Call (to be launched and evaluated by GEOTHERMICA): Q2-2017 (two-stage process: 1) project concept, 2) full proposals; award of contracts mid-2018)

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