GEOELEC

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Tiefe Geothermie im Europäischen Kontext

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SET Plan
Strategic Energy Technology Plan

ENERGY

European Commission

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Technology & Innovation

RSS

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Technology & Innovation

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- SET-Plan
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- European Technology Platforms (ETPs)
- Demonstration projects
- FP7 (2007-2013)
- FP6 (2002-2006)

Legislation

- Summaries

News room

- Press releases
- Public consultations
- Events

SET-Plan

The European Strategic Energy Technology Plan

The SET-Plan establishes an energy technology policy for Europe. It's a strategic plan to accelerate the development and deployment of cost-effective low carbon technologies. The plan comprises measures relating to planning, implementation, resources and international cooperation in the field of energy technology.

- Brochure "Towards a low-carbon future" (2010) [2 MB]

SETIS is the European Commission's Information System for the SET-Plan led by the Joint Research Centre. It supports the strategic planning and implementation of the SET-Plan. It makes the case for technology options and priorities, monitors and reviews progress regarding implementation, assesses the impact on policy, and identifies corrective measures if needed.

- SETIS - The Information System for the European Strategic Energy Technology Plan

European Community Steering Group on Strategic Energy Technologies

- List of Members [165 KB]

Günther Oettinger
Commissioner for Energy

Philip Lowe
Director-General for Energy

Quick jump

- Competitiveness and Innovation Agency
- Climate Action
- Covenant of Mayors
- Europe Direct
- EU Calendar

EII

European Industrial Initiatives

GEOELEC

EERA

European Energy Reserach Alliance

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Home

As outlined in the European Strategic Energy Technology Plan (SET-Plan), energy technologies will be crucial to successfully combat climate change and to secure world and European energy supply. Achieving Europe 2020 and 2050 targets and visions on greenhouse gas emissions, renewable energy and energy efficiency will require the deployment of more efficient and new technologies.

In this framework, fifteen leading European Research Institutes have taken up the challenge to found **a European Energy Research Alliance (EERA).**

The key objective of the EERA is to accelerate the development of new energy technologies by conceiving and implementing Joint Research Programmes in support of the SET-Plan pool and integrate activities and resources, combining national and Community sources of funding and maximising complementarities and synergies.

An overall number of 15 Joint Programmes have been launched since EERA's founding:

- Photovoltaic, Wind Energy, Smart Grids and Geothermal (launched at the SET-Plan event held in

EERA News service

Stay tuned with the latest news of the European Energy Research Alliance and subscribe to the EERA News Service here

News:

EERA JP Fuel Cells and Hydrogen: Workshop on 10th

www.eera-set.eu

Coordinating energy research for a low Carbon Europe

European Energy Research Alliance
Joint Program on Geothermal Energy

Ernst Huenges JP Coordinator

David Bruhn (Programme Office)

Helmholtz Centre Potsdam, GFZ

Isabella Nardini JP Secretary

CNR-IGG, Pisa

JPGE – Struktur und Programm

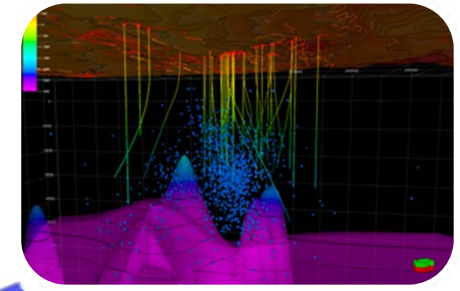
JointProgrammeGeothermalEnergy

SP5

SUSTAINABILITY, ENVIROMENT AND REGULATORY FRAMEWORK

SP1

RESOURCE ASSESSMENT



Overall goal

Development of new cost-effective technologies suitable for a sustainable growth of geothermal energy in Europe and worldwide

SP2

ACCESSING AND ENGINEERING A RESERVOIR

SP4

OPERATION AND MANAGEMENT OF GEOTHERMAL SYSTEMS

SP 3

PROCESS ENGINEERING OF POWER SYSTEM

GFZ Helmholtz-Zentrum Potsdam

HELMHOLTZ ASSOCIATION

EERA – JPGE Mitglieder

JointProgrammeGeothermalEnergy

2010

Short Name	Country
BRGM	France
CEGL	Italy
CNR	Italy
CNRS	France
CRES	Greece
ETH Zürich	Switzerland
GFZ Potsdam	Germany
ISES	Netherlands
ISOR	Iceland
KIT	Germany
LIAG	Germany
TNO	Netherlands

12 participants
7 countries
~250 persons

2012

Short Name	Country
Uni Neuchâtel	Switzerland
ENEA	Italy
INGV	Italy
LNEG	Portugal
PT Milano	Italy
BGS	UK
RWTH Aachen	Germany
U Torino	Italy
VITO	Belgium
IFE	Norway
U Bari	Italy
U Trieste	Italy
TU Darmstadt	Germany

25 participants
11 countries
~350 persons

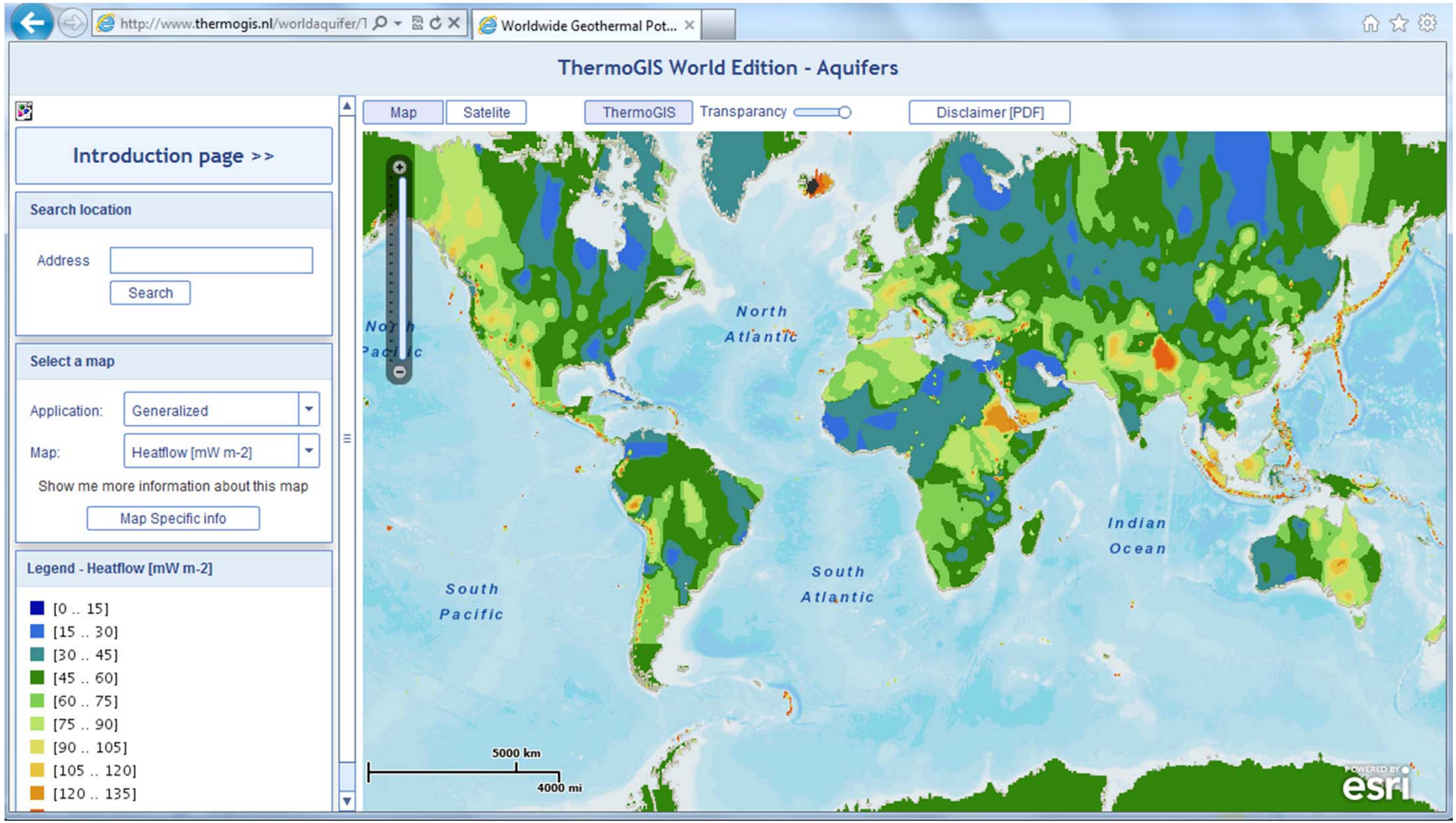
2013

Short Name	Country
TÜBITAK	Turkey
OGS	Italy
PT Torino	Italy
IRIS	Norway
GZ Bochum	Germany
Sintef	Norway

Current status:
30 participants
12 countries
~400 persons

JointProgrammeGeothermalEnergy

EERA – World Aquifer Viewer



Education and dissemination

European geothermal PhD day

1. 12th of February 2010, Potsdam / Germany
2. 1st/2nd of March 2011, Reykjavík / Iceland
3. 29th/30th of March 2012, Pisa / Italy
4. 6th/7th of May 2013, Szeged / Hungary
5. spring 2014 Darmstadt / Germany

60 to 100 PhD students at each PhD Day

Zukunft der Geothermie in der EU

Was ist notwendig?

- EII – Europäische Industrieinitiative für Geothermie
- Verstärkte Forschungsförderung europäischer Projekte (auch durch nationale Förderinstrumente)
- Input in die Roadmap für 2030 -> SET Plan

Vielen Dank für Ihre Aufmerksamkeit!