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EFLA Consulting Engineers

**Study visit to Iceland from Croatia
with focus on Geothermal energy,
energy transition and CCS**

*Seminar 30th May 2023,
Orkustofnun*

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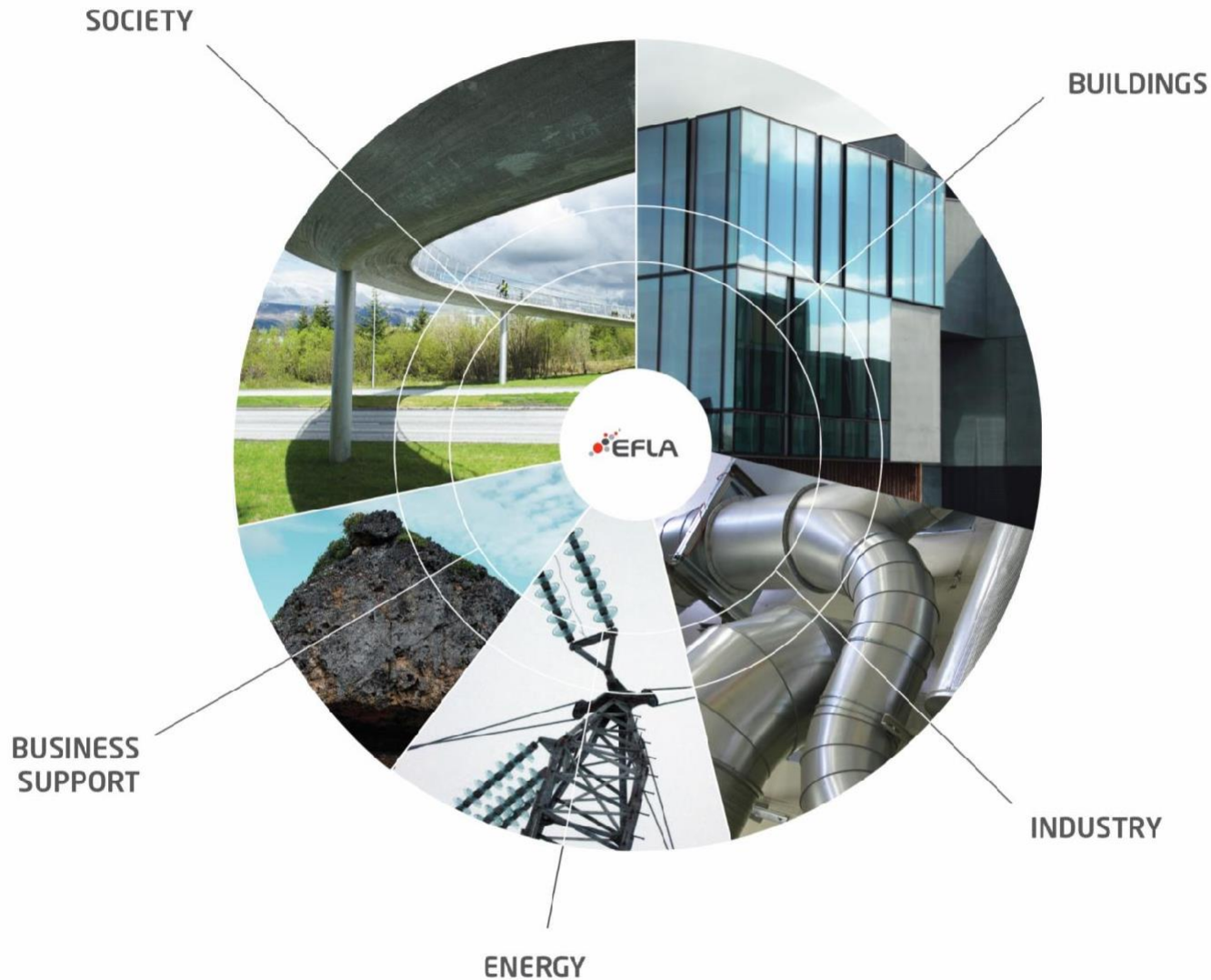
Director - Energy



EFLA

- EFLA is a general engineering and consulting company with a history of 50 years
- We provide solutions that strengthen infrastructure and improve living standards and the sustainability of communities
- An outstanding company according to Creditinfo from the beginning
- We have a staff of about 400
- We operate according to certified management systems:
 - ISO9001 Quality Management
 - ISO14001 Environmental Management
 - ISO45001 Safety Management
 - ÍST 85:2012 Equal Pay Management





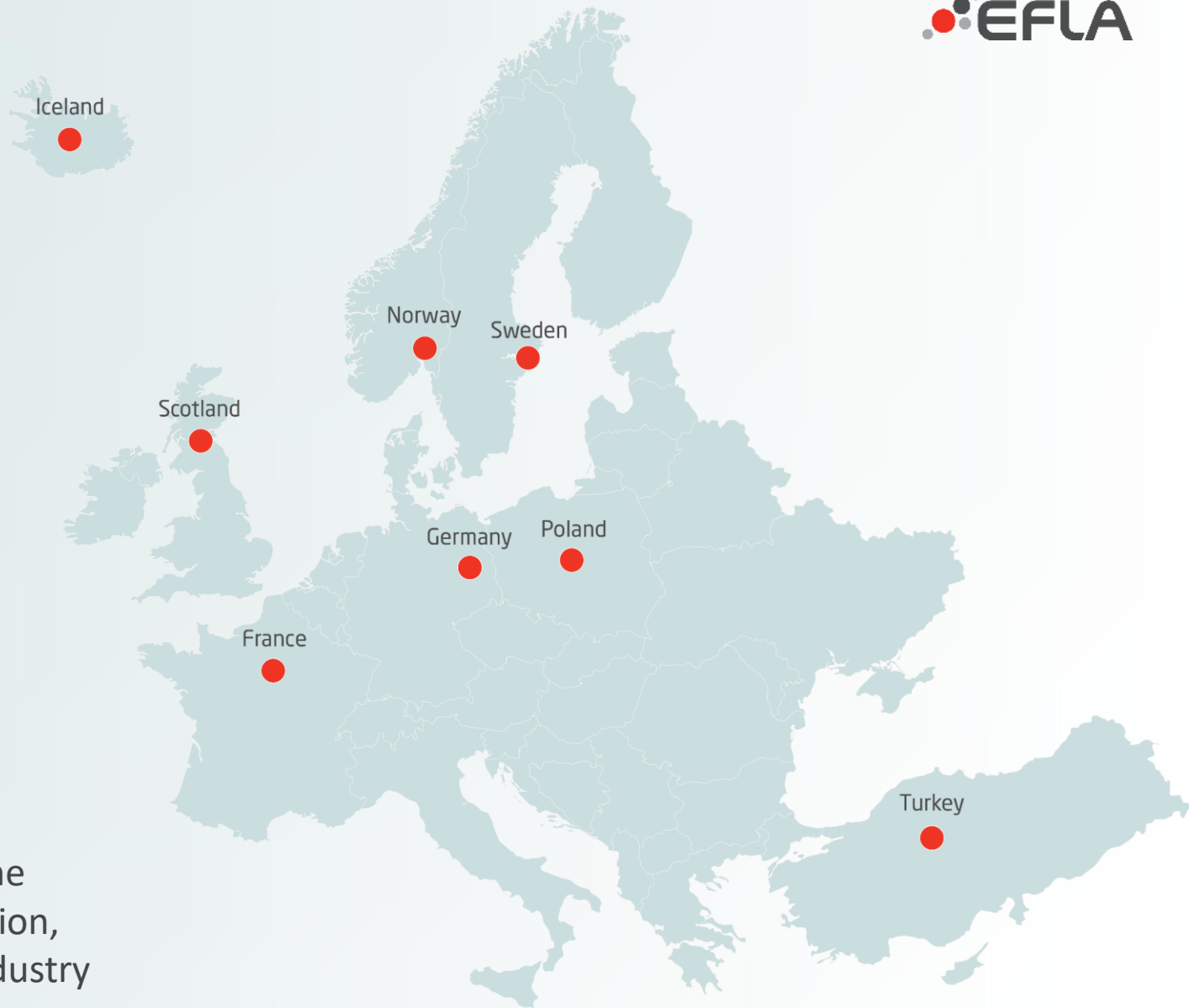
Organisation

- EFLA is divided into four areas:
 - Buildings
 - Industry
 - Energy
 - Society
- We work in professional teams and cross-expertise project teams
- Human resources, finance and market development are our business support areas

EFLA International

Subsidiaries and partnerships

Internationally, EFLA mainly focuses on the fields of energy transmission, transportation, geothermal energy and automation in industry



Projects overseas

- Projects
- EFLA
- Affiliated companies



Geothermal energy

- Field exploration
- Direct use of geothermal energy
- Economic feasibility and business modelling
- Power plant modelling
- ORC and small scale geothermal power plants
- District heating
- Swimming pools and natural baths
- Construction supervision
- Control system and automation
- International projects



Geothermal energy

Project examples:

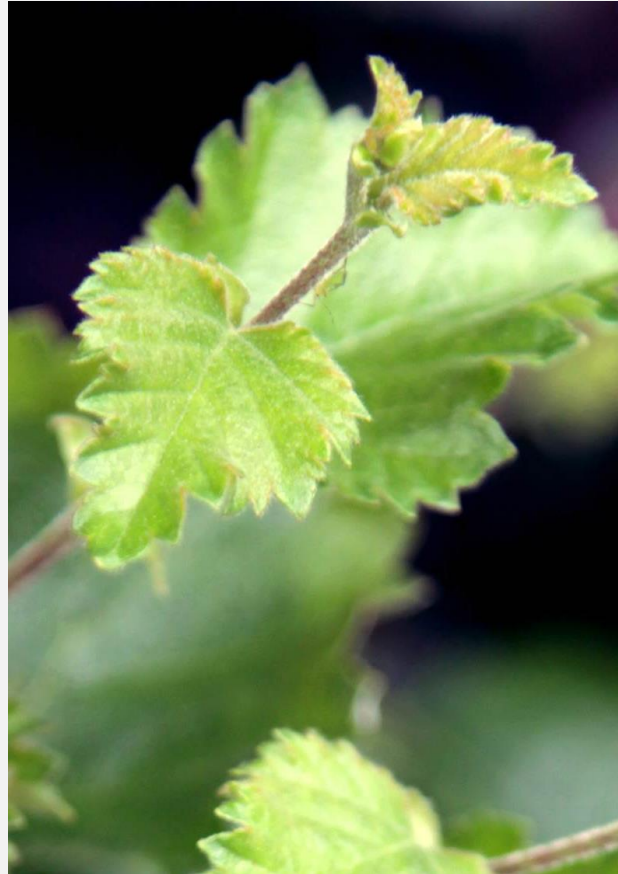
LOCAL

- Vök Baths
- Blue Lagoon
- Forest Lagoon

INTERNATIONAL

- El Salvador
- Croatia
 - Several municipalities
 - Consultation, study trips, workshops





Energy transition & CCS

- EFLA takes part in the energy transition via multiple projects.

Project example: orkuskipti.is, a webpage displaying info on the energy transition in Iceland.

- EFLA has experience in the design process for capturing and handling carbon dioxide with a focus on safety, sustainability and efficiency.

Project example: CODA Terminal



Other energy related areas of expertise

- Extensive experience in the field of renewable energy and consulting on energy issues, including cost-benefit analyses, designing and LCAs
- Consulting on research, energy production and power transmission
- Design of electric power systems in Iceland and internationally
- Consulting on issues related to changes in energy sources



Thank you!



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