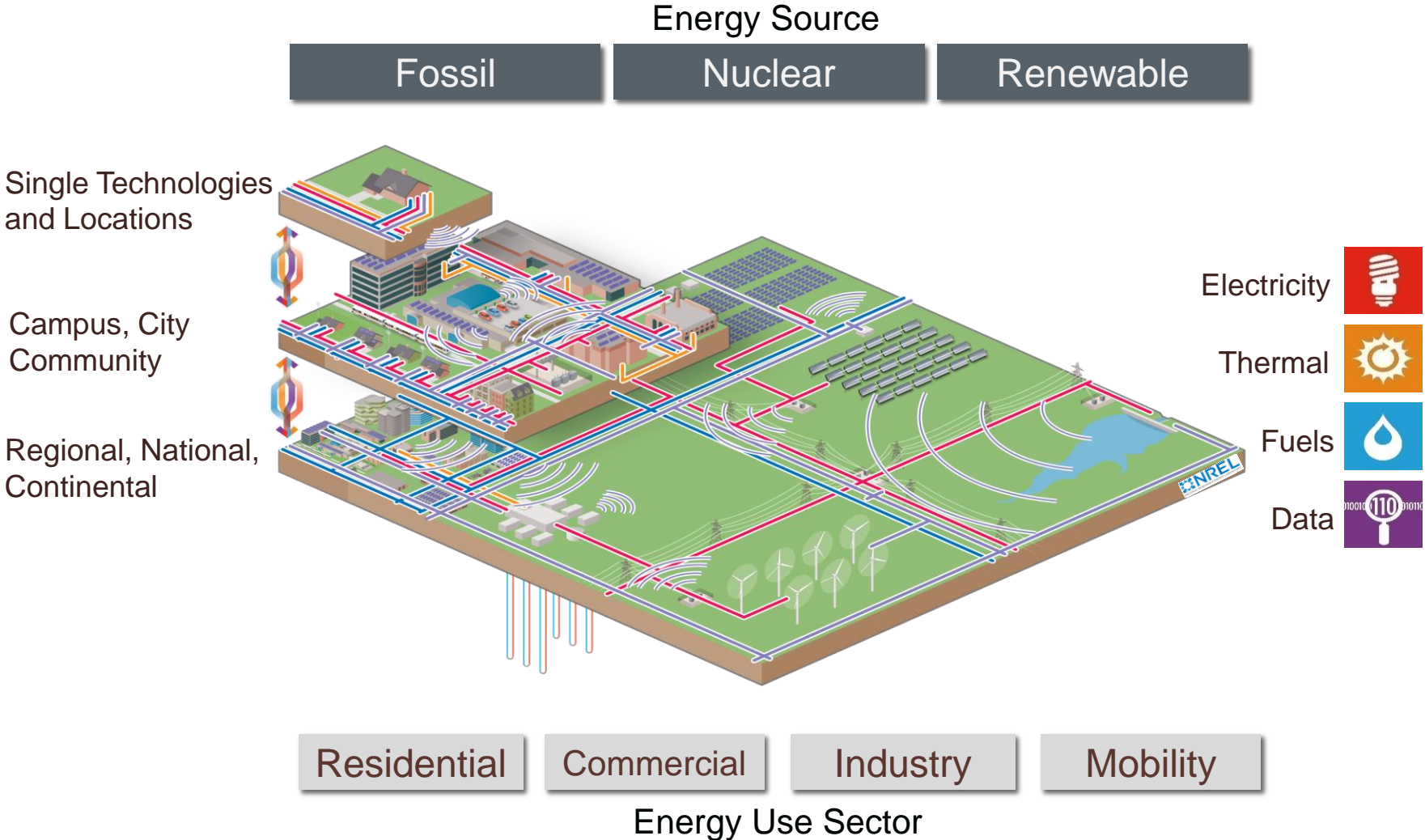




Outputs from Washington Workshop and Introducing the Themes of Copenhagen Workshop

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Energy Systems Integration (ESI)



Optimizes the integrated suite of electrical, thermal, and fuels pathways at all scales

Washington Workshop

- First workshop for iiESI
 - February 18/19th 2014 – Washington DC
 - US (35), Europe (10), Asia (1)
 - Three themes
 - Gas/Electricity
 - Demand Side management
 - Decentralised Energy Paradigms
 - Summary and slides available at www.iiesi.org
- Outputs
 - People enjoyed it
 - Several themes missing
 - Regulatory and market issues dominated, in particularly the ***uncertainty***
 - Energy water nexus
 - Objectively researching energy systems solutions

Themes for Copenhagen Workshop

- Tuesday 26th May
 - Task Force: Integrated Gas-Electricity Models
 - Regulation, Policy and Market Design Session
- Wednesday 27th May
 - Parallel Sessions
 - Gas/Electricity Interdependence
 - Decentralisation and Demand Side Management
 - Water Energy Nexus
 - Panel session

Desired outcomes

- Identify knowledge generation opportunities
 - “White space”
 - Lessons learnt
 - From the past
 - From one another
- Communication of knowledge generation
 - Academic – journals, magazines, reports
 - Thought leadership – actions in particular with industry



Addressing Energy Challenges Through Global Collaboration

A world map with glowing blue and purple lines representing energy transmission routes and nodes, set against a background of light rays and a bright sun-like glow at the top.

Our Mission:

To ensure investments in energy systems integration are coordinated and optimized to yield the greatest value possible to the global community.

Our Vision:

Engage people in efforts to enable highly integrated, flexible, clean, and efficient energy systems.

Our Near-Term Objectives:

- Hold 2-3 meetings each year to foster the exchange of ideas, results, lessons learned, and best practices from energy systems integration activities
- Create a framework for knowledge capture, management, and transfer from energy systems experience and experiments conducted to date and in the future
- Coordinate investments in future energy systems integration R&D and education

Contacts and Further Information to be found at:

www.iiesi.org