




Energy Community

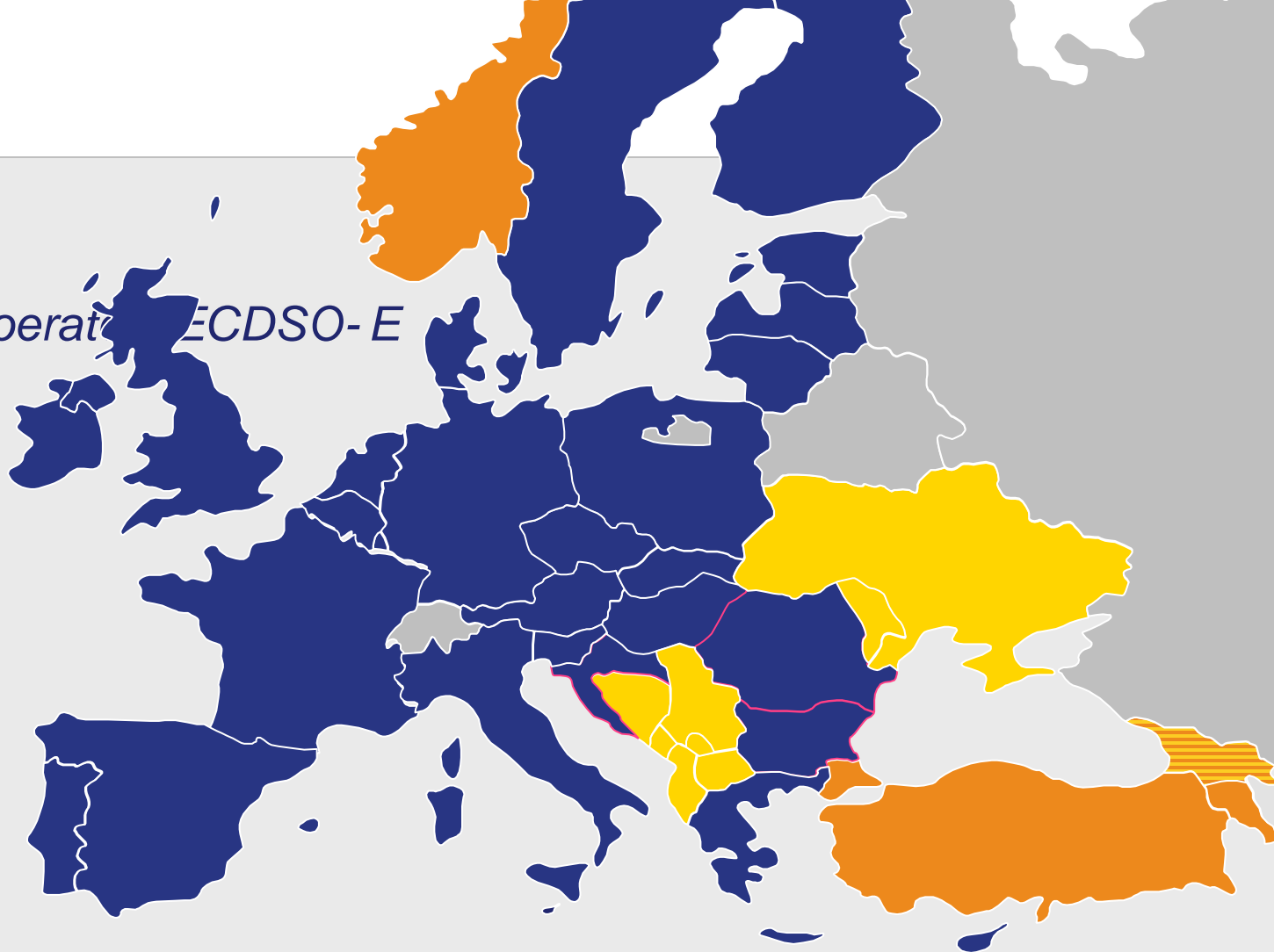
***Network operators and
natural risks – lessons
learned***

Mumović Milka

Energy Community
distribution system operator ECDSO-E

<http://ecdsoe.org/>

-  European Union
-  Contracting Parties
-  Candidate
-  Observers





Natural hazards

Heavy snows piling on overhead lines, interruption, access to damaged infrastructure

Ice storms – falling poles and lines, interruption of supply, restoration

Floods and landslides – devastation of o OH and underground infrastructure, transformer stations, customer connections, metering equipment



Long term measures

Develop quick response and full restoration plans,

Strategically located emergency equipment and material inventory such as mobile sub-stations, joining mobile teams

Review emergency procedures for the future

New design parameters and/or practices for energy infrastructure and assets to improve performance and resilience, and

Distribution systems in affected areas:

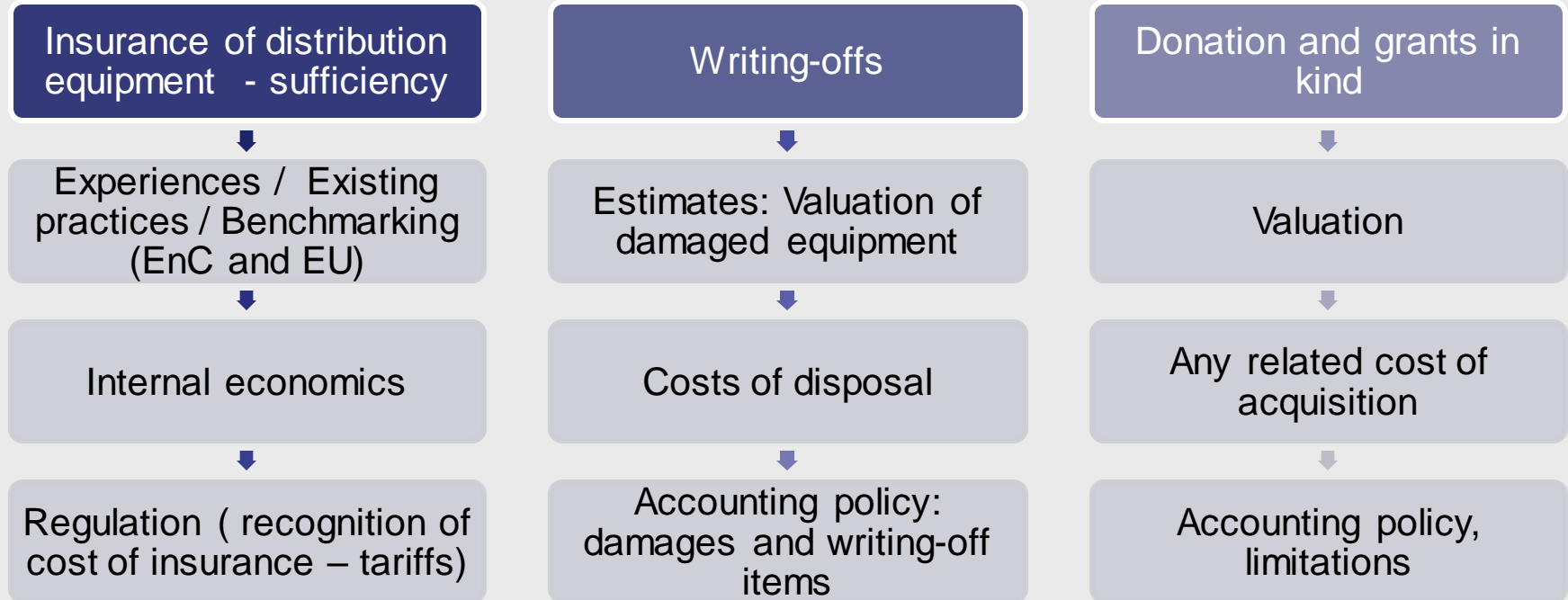
- ***evacuation of populated areas***
- ***damaged lines and substations***
- ***destroyed metering devices***
- ***warehouses with spare parts***

Emergency measures

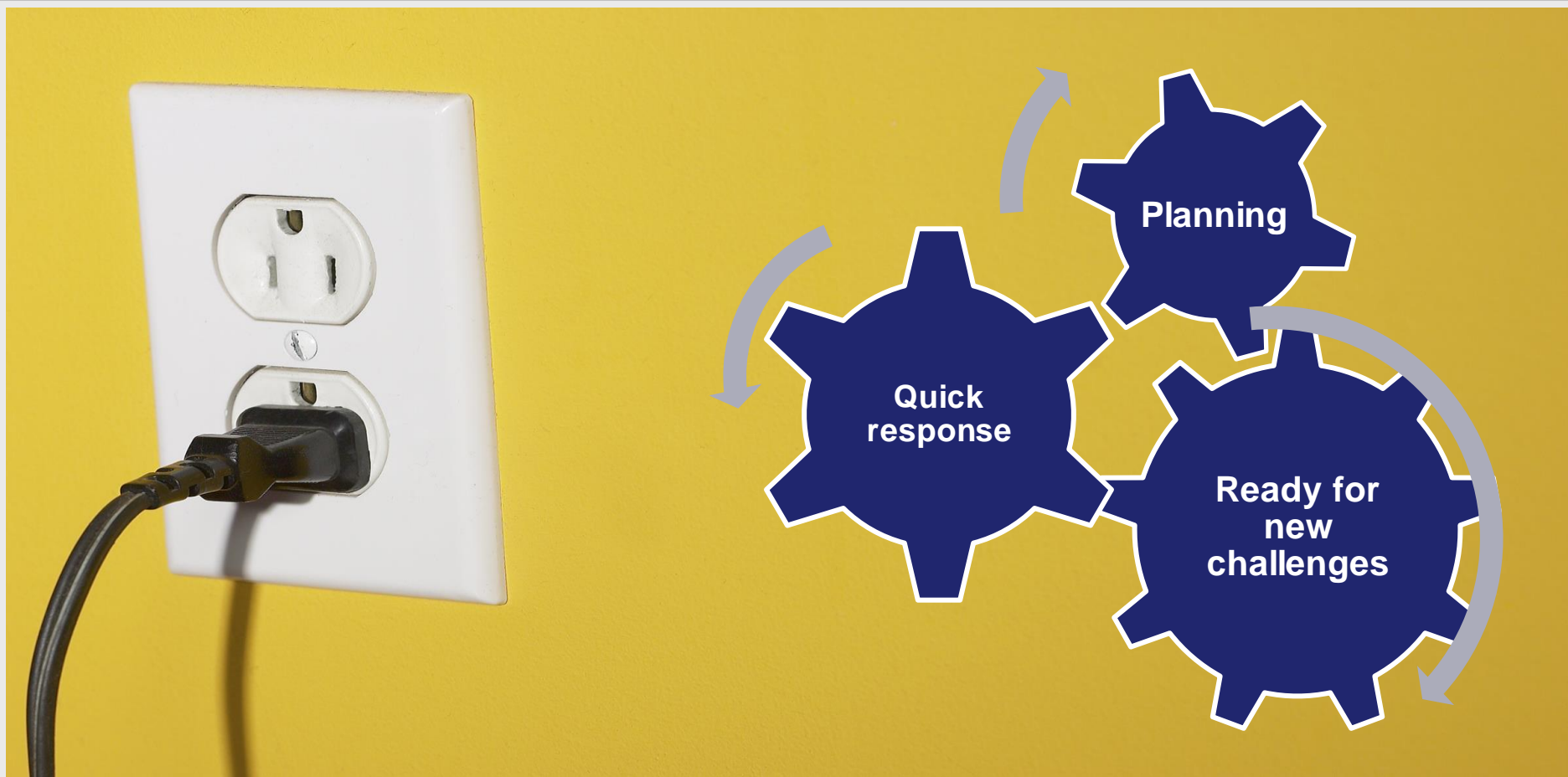
- ***re-energizing areas***
- ***reconnecting key customers / public services***

Lack of material and equipment

- ***Stock management***
- ***Urgent procurement***



For consideration



The background is a dark blue image of the Earth from space, showing the outlines of continents. Overlaid on the Earth are numerous glowing blue lines that form a complex network of arcs and loops, representing energy connections or a global network.

*Thank you
for your attention!*

www.energy-community.org

<http://ecdsoe.org>