

AWAKENING THE SLEEPING GIANT – GEOTHERMAL ENERGY SOURCE

Expanding Geothermal Energy Networks at a Global Scale

Hela Cheikhrouhou

Regional Vice President for the Middle East, Central Asia, Türkiye, Afghanistan, and Pakistan

International Finance Corporation | World Bank Group

January 2025



Creating Markets, Creating Opportunities

Why should IFC care about geothermal energy

Reliability & Scalability

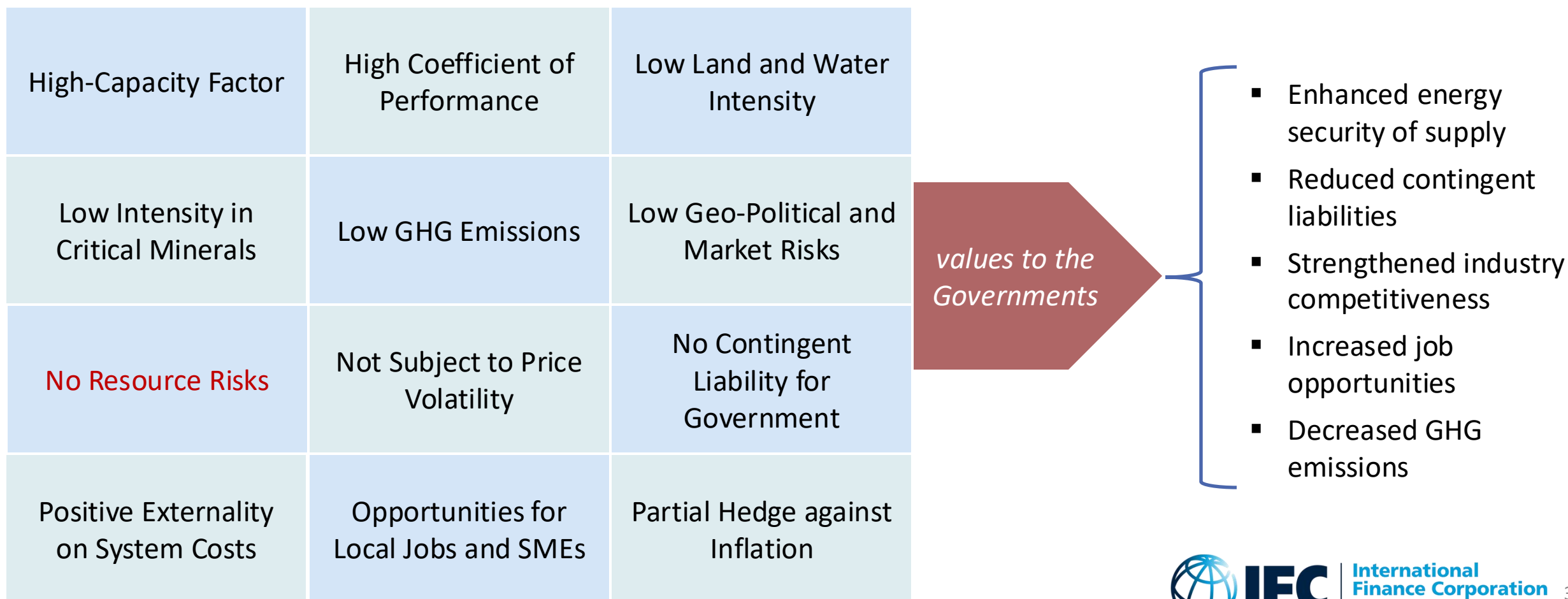
Energy Security

Energy Transition

Poverty Reduction

Massive deployment of GENs strengthens country economics

Surface geothermal combined with GSHPs could provide low-cost heating and cooling solutions almost everywhere



How IFC plans to help

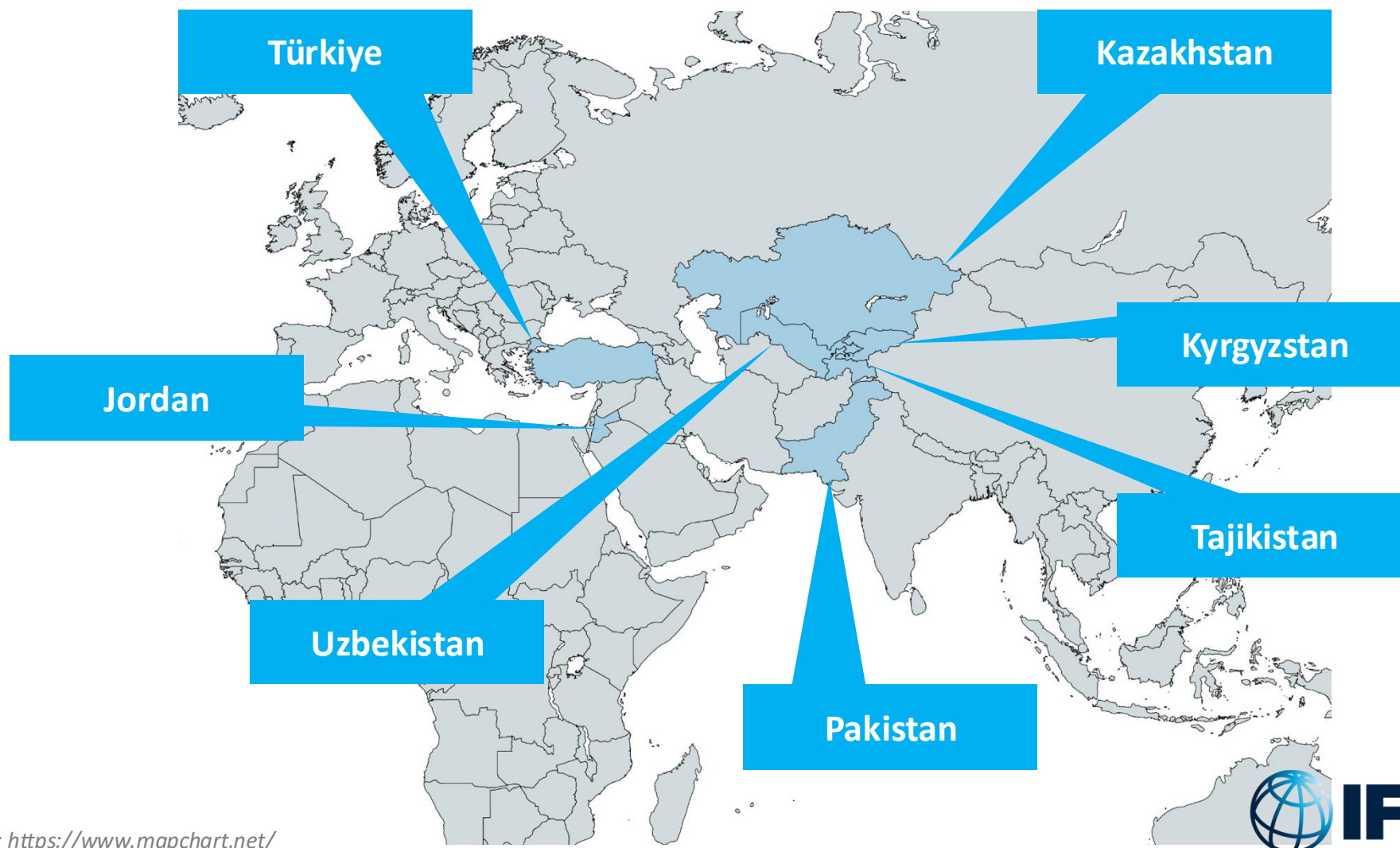
*Full
Engineering
Design for
Demonstration
Project*

*Stakeholder
Engagement*

*Policy
Landscape and
National
Strategy*

*Capital
Mobilization*

IFC's "Networked GSHP for Heating and Cooling" programs



Thank You

Hela Cheikhrouhou

Regional Vice President for the Middle East, Central Asia, Türkiye, Afghanistan, and Pakistan

International Finance Corporation | World Bank Group

January 2025



Creating Markets, Creating Opportunities

MIT OpenCourseWare

<https://ocw.mit.edu/>

RES.ENV 007 Geothermal Energy Networks (GENs): Transforming our Thermal Energy System

IAP 2025

For information about citing these materials or our Terms of Use, visit: <https://ocw.mit.edu/terms>.