



UNITING
EUROPE'S ENERGY,
TODAY

REBUILD UKRAINE CONFERENCE: **SOLAR & BESS INVEST FORUM UA**

PANEL 1: CURRENT STATE OF UKRAINE'S POWER SYSTEM. INVESTMENT PROSPECTS FOR SOLAR ENERGY

RAY OF HOPE INITIATIVE – UKRAINE ENERGY SUPPORT FUND

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Ray of Hope: Introduction



Sustainable Energy for Hospitals amid War

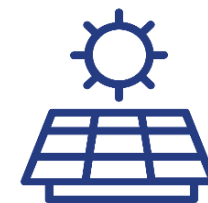
In 2024, the Fund advanced the implementation of the Ray of Hope initiative, highlighting its expanding role in supporting Ukraine's long-term recovery and sustainability goals.

The initiative provides turnkey solar power systems with integrated battery storage to healthcare facilities in Ukraine, ensuring uninterrupted access to electricity during power outages caused by the war.

Initiated by the European Commission, implemented by the Energy Community Secretariat, the initiative strategically enhances the resilience and sustainability of Ukraine's healthcare infrastructure.



Energy
Resilience



Sustainability



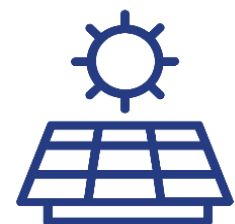
Stakeholder
collaboration

Ray of Hope: Expected Impact



Energy Security & Resilience

- Ensure uninterrupted power supply for critical medical services during wartime.
- Enhance hospitals' resilience, safeguarding life-saving operations in emergencies.



Sustainability & Environmental Impact:

- Reduce reliance on non-renewable energy through solar power.
- Contribute to Ukraine's energy independence and global climate goals.
- Lower carbon emissions and promote greener healthcare infrastructure



Cost Efficiency & Economic Impact

- Cut electricity costs, enabling hospitals to allocate savings to medical services.

Ray of Hope: General Overview

MinHealth

600 sites
selected

MinEner

193 sites
approved

ECS

130* sites in
progress



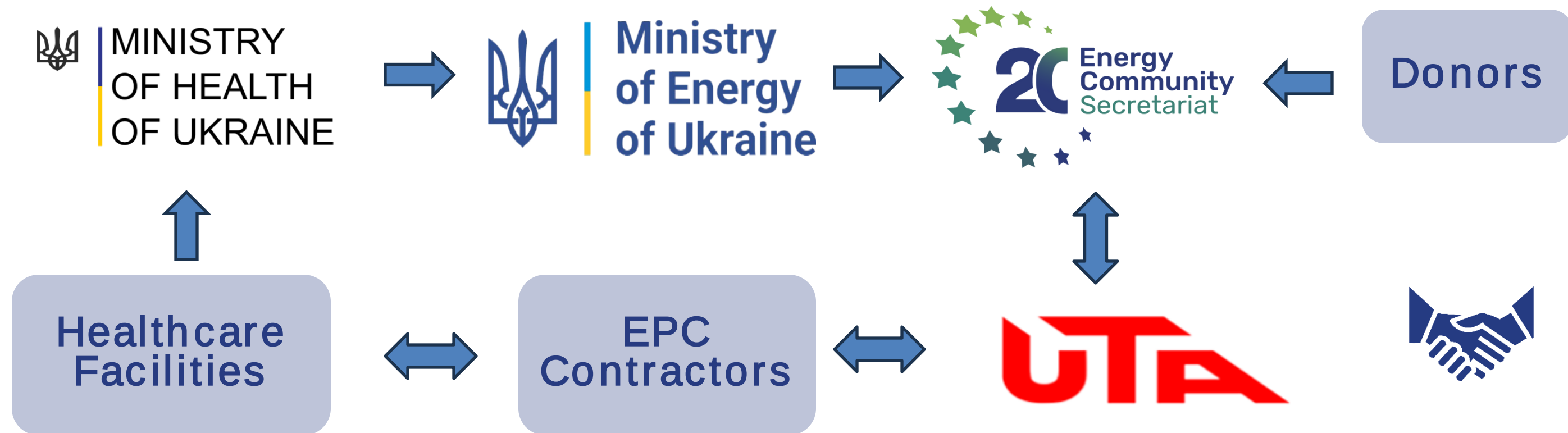
120 M EUR
66 MW



Average Project Data:

- Capacity: ~110 kW
- Price : ~200,000 EUR/project

Stakeholder Collaboration



Implementation

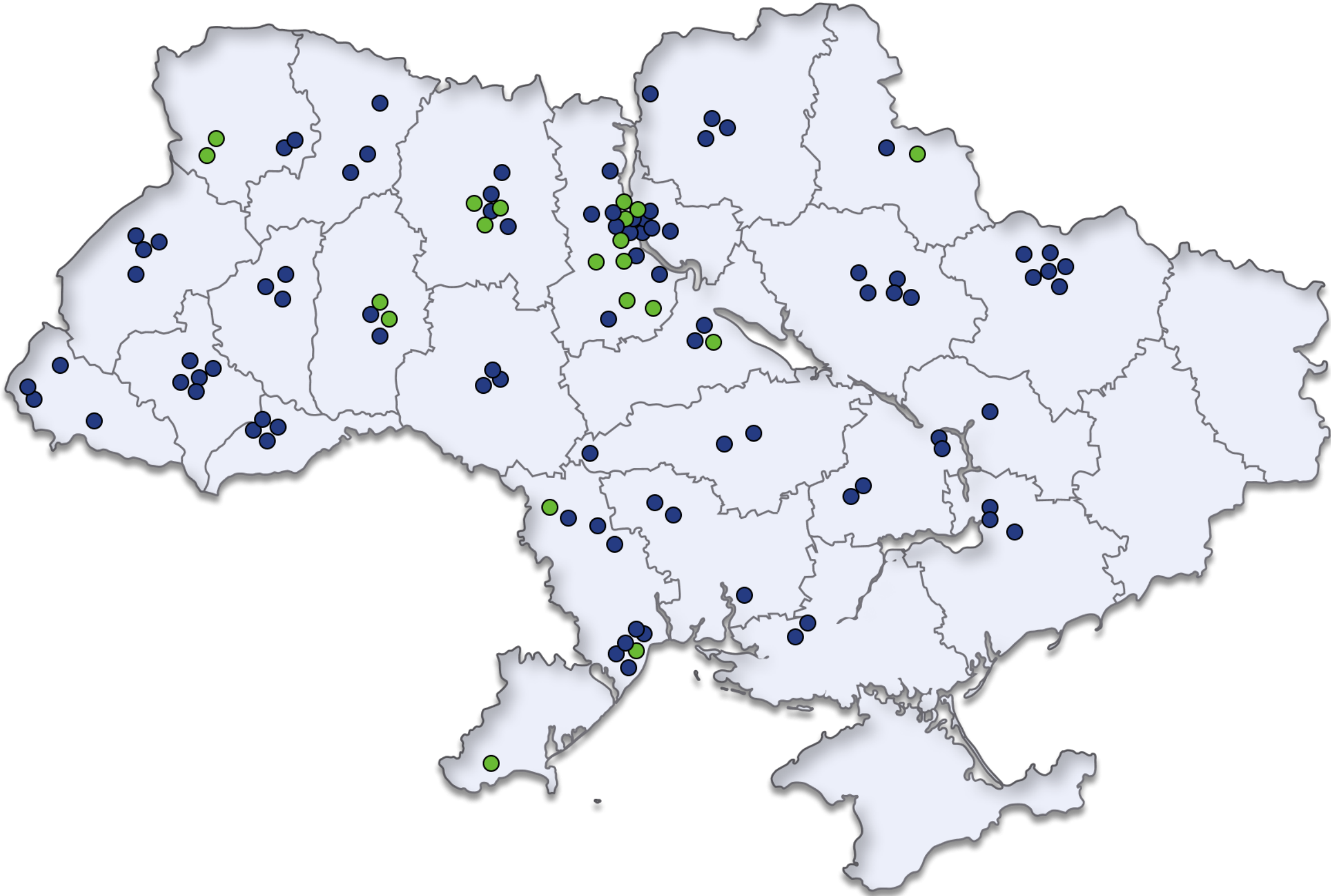


Estimated Implementation Timeline for Simple Projects

Subject to funding availability:

- 3–6 months from tender launch
- 4–8 months from Project Manager mobilization

Implementation



130	SR Allocated
75	Tenders Launched
51	Contracts Signed
20	Generation Commenced

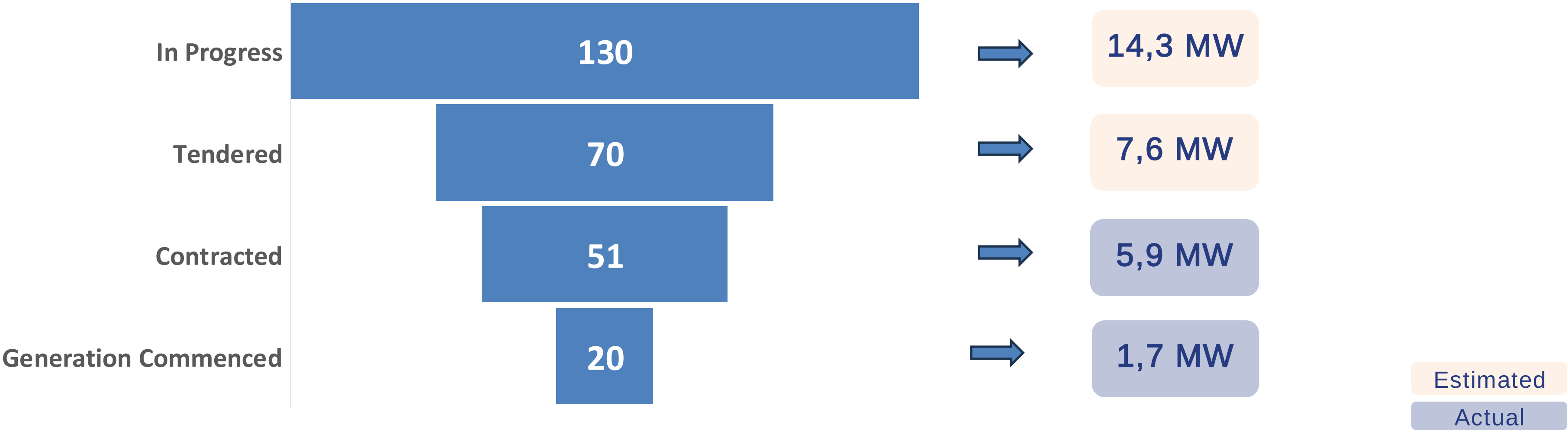
- SR Allocated
- Generation Commenced

Implementation

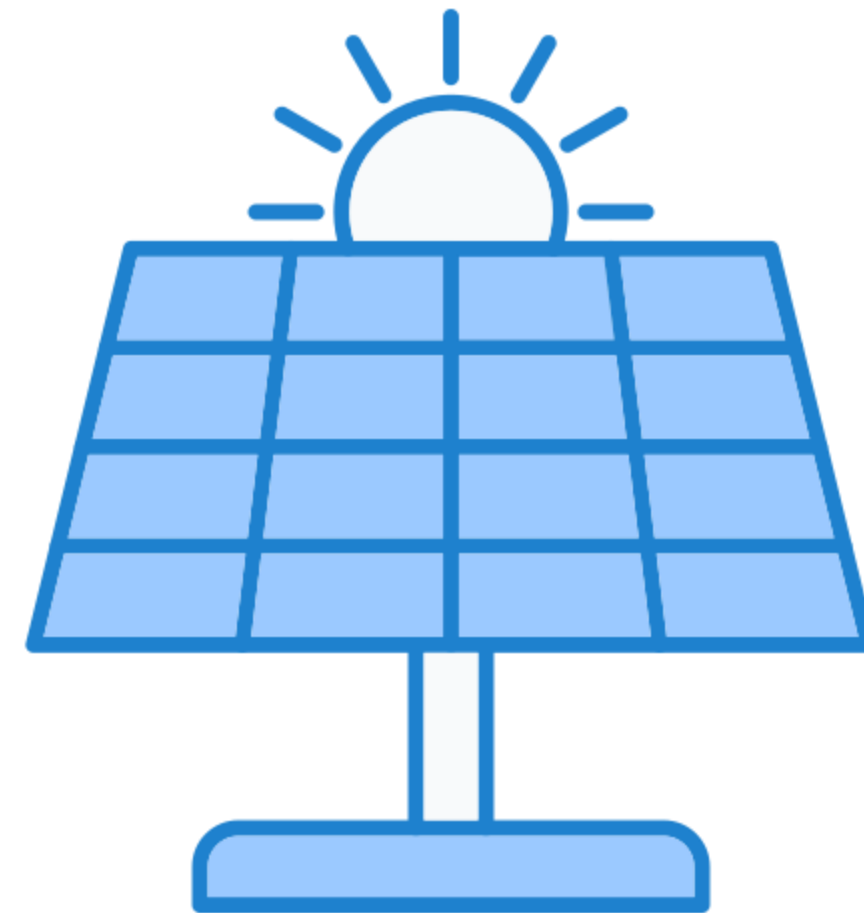
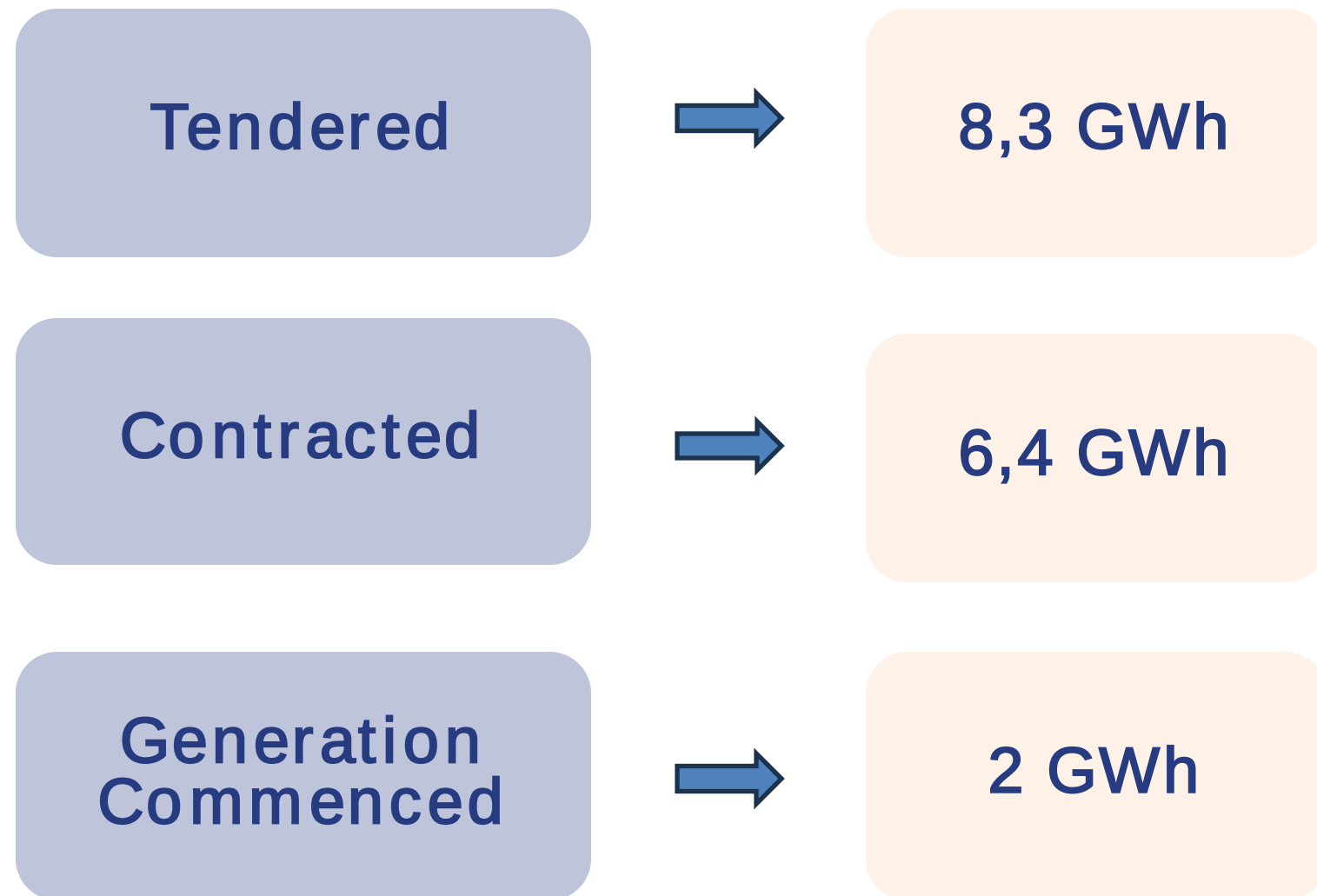


Projects

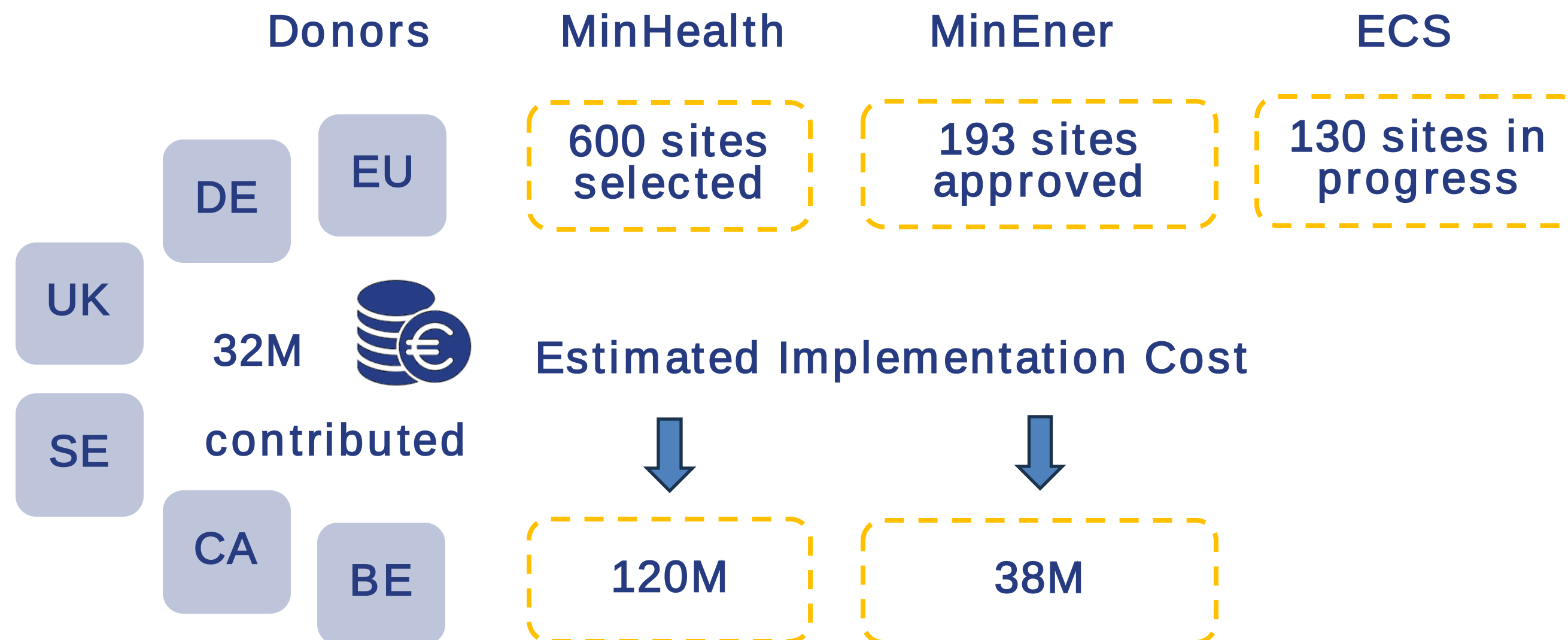
Capacity



Expected Annual Generation



Ray of Hope: Budget



Projects Implementation





THANK YOU!



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