

11 April 2024 Brussels, Belgium

# CLEANTECH CONFERENCE: DRIVING SUSTAINABLE INNOVATION

How to boost cleantech  
manufacturing in the EU



## INNOVATION FUND

*Funded by the EU Emissions Trading System*

# TECHNOLOGY DEVELOPMENT AREAS

## WIND

- Handling and Logistics;
  - Recyclability/circular economy;
  - Materials;
  - Reliability;
  - Cost reduction processes;
  - Manufacturing technologies
  - AI/Digitalization in O&M maintenance
- Manufacturing capacity not the issue. Siemens Energy: 3GW/p.a. capacity, enough to supply half of the EU's 2030 electrolysis target (40GW) out of the Berlin Electrolysis Factory alone.
  - Project FIDs are delayed. Challenges:

# INTRODUCTORY STATEMENT

## EU ETS Innovation Funds:

- We very much welcome the EU support of development and manufacturing activities in Europe.
- Business model / why does industry need the ETS innovation Funds?

Speed!

In order to fulfill the strongly increasing demand for clean technologies (such as wind), we need to significantly (!) accelerate investments in innovation for products and production.

- Therefore, Siemens Energy very actively engaged in the EU ETS Innovation Funds calls.  
(in a leading role as well as consortium member)

# CHALLENGES & LEARNINGS

## Challenges & Learnings:

- Lumpsum approach and one step application process fit well to industrial needs and are highly appreciated.
- Complex submission process: High level of details required (up to 900 pages including annexes!).
- Low success rate leading to decreasing motivation to develop relevant projects in Europe.
- Grant calculation methodology: Extra costs for green technologies hard to prove for rapidly developing green technologies with short innovation cycles and fast changing product generations (e.g. wind industry).
- Unclear cumulation rules for combination with other funding sources (co-funding by member states).

## Industry feedback:

- We would appreciate a much simpler submission process.
- Simplify the funding gap model (e.g. % of CAPEX / OPEX gap) (specifically for clean-tech manufacturing projects with short innovation cycles in a very dynamic market environment).
- Explicitly open opportunities to co-funding with national funding.
- Implement the H2Bank auction international pillar as well as non-pricing criteria for the next H2Bank auction.

# THANK YOU!



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