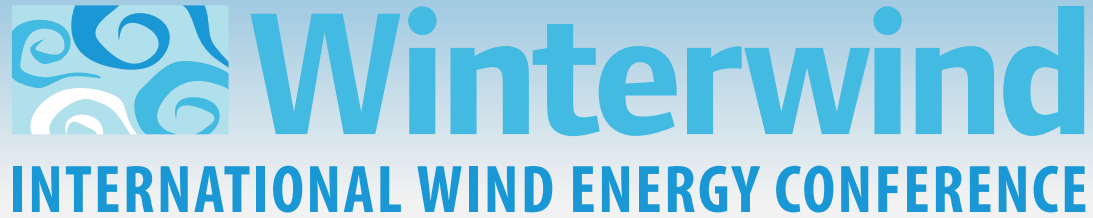


Organized by Swedish Windpower Association since 2008



**Åre, Sweden, Feb 3-5, 2020**

**Moderators: Jeanette Lindeblad and  
Fredrik Lindahl**

Welcome! - Jenette Lindeblad and  
Fredrik Lindahl, Swedish Windpower  
Association

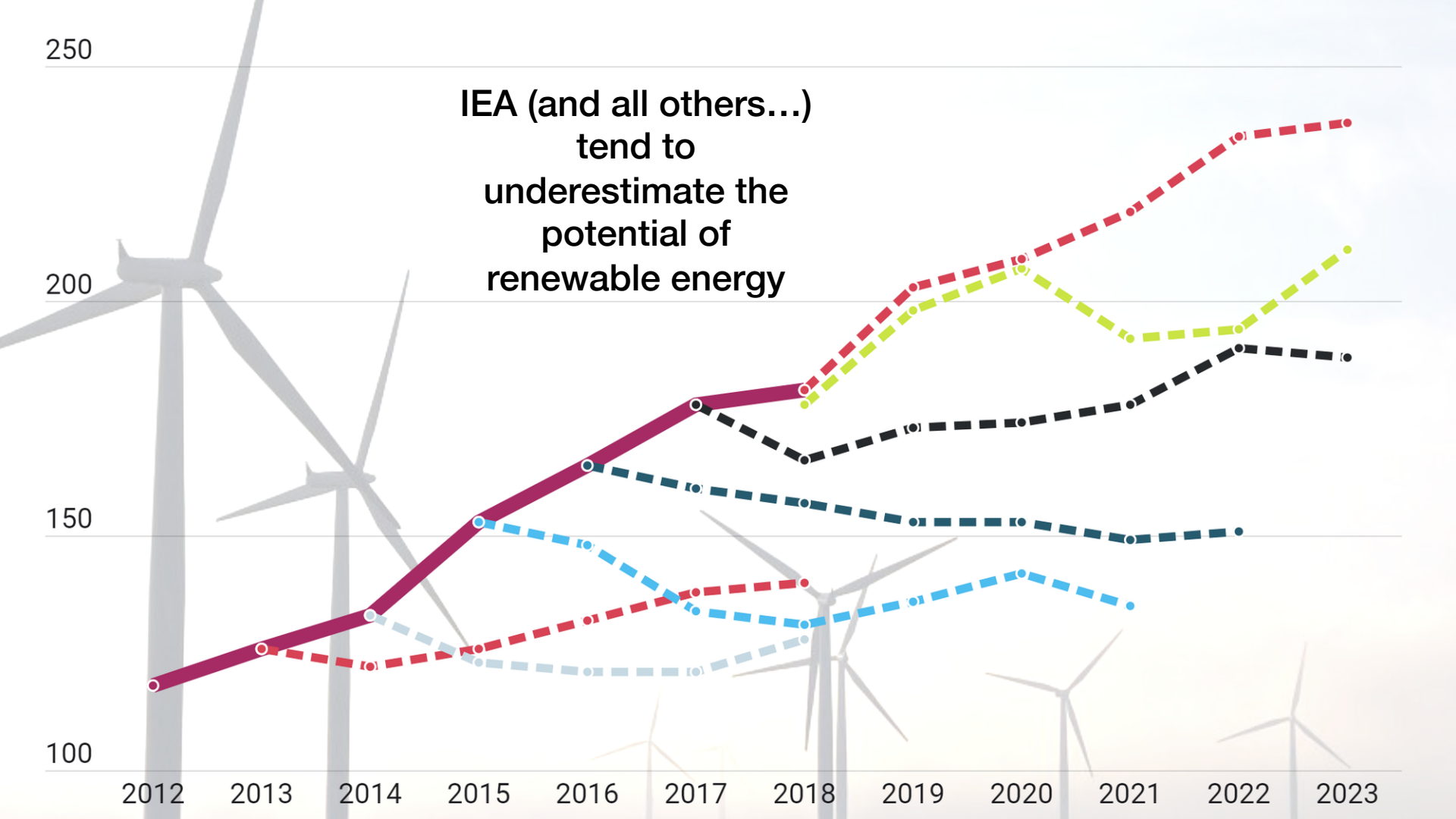
A short introduction, Göran Ronsten,  
Program coordinator

A European Outlook on the prospect  
of Onshore Wind - Global importance  
with regional benefits, Sandra  
Grauers, Vattenfall (51)

Open Innovation Contest, Tanja  
Tränkle, RISE (50)

## Winterwind 2020 program committee

- René Cattin
- Charles Godreau
- Ville Valtteri Lehtomäki
- Göran Ronsten (coordinator)
- Sven-Erik Thor
- Tanja Tränkle



# Total energy consumption

4 Gtoe -

3 -

2 -

1 -

1965

0

We're still "Other"

2018

Hydro

Other

Nuclear

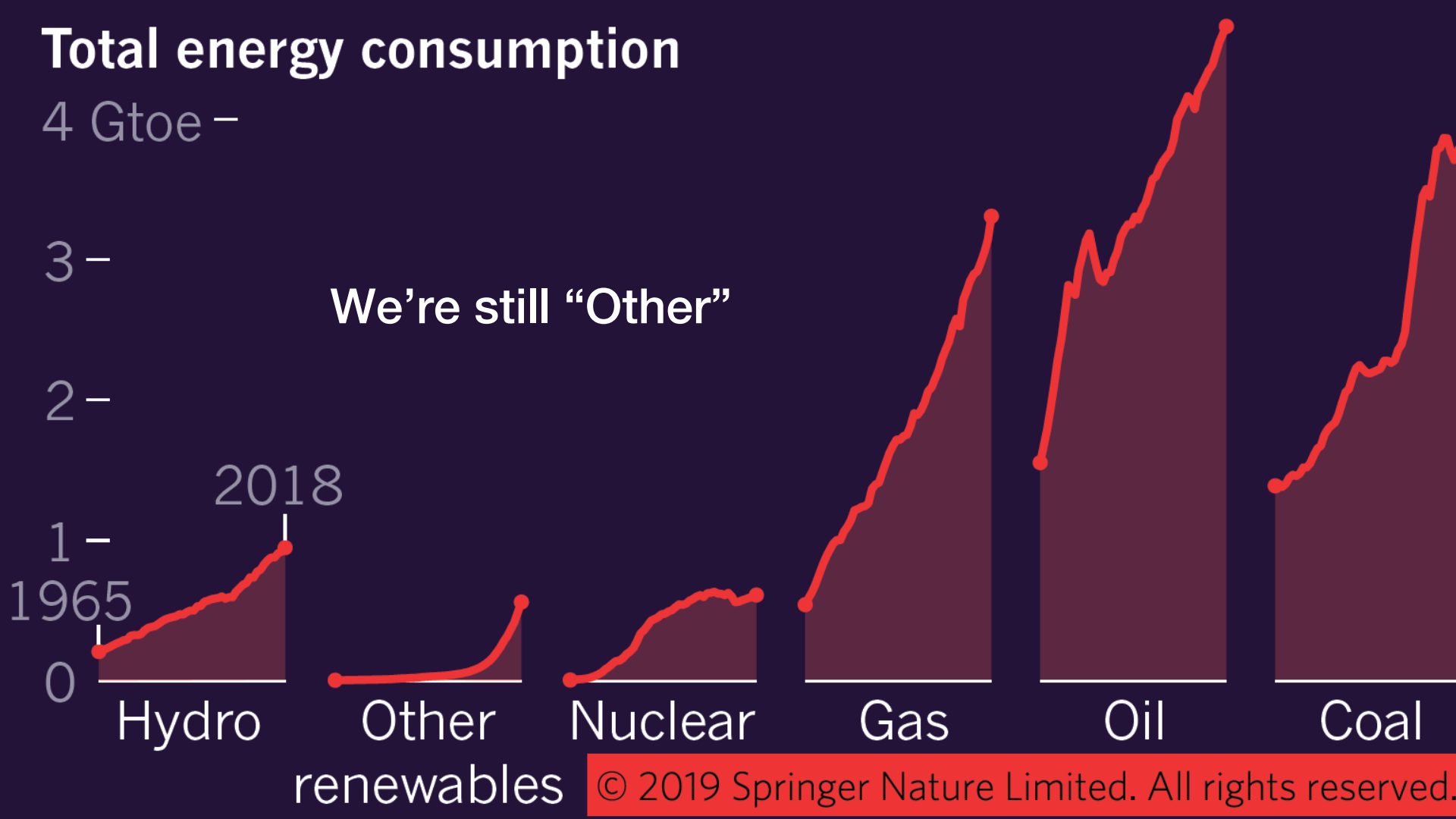
Gas

Oil

Coal

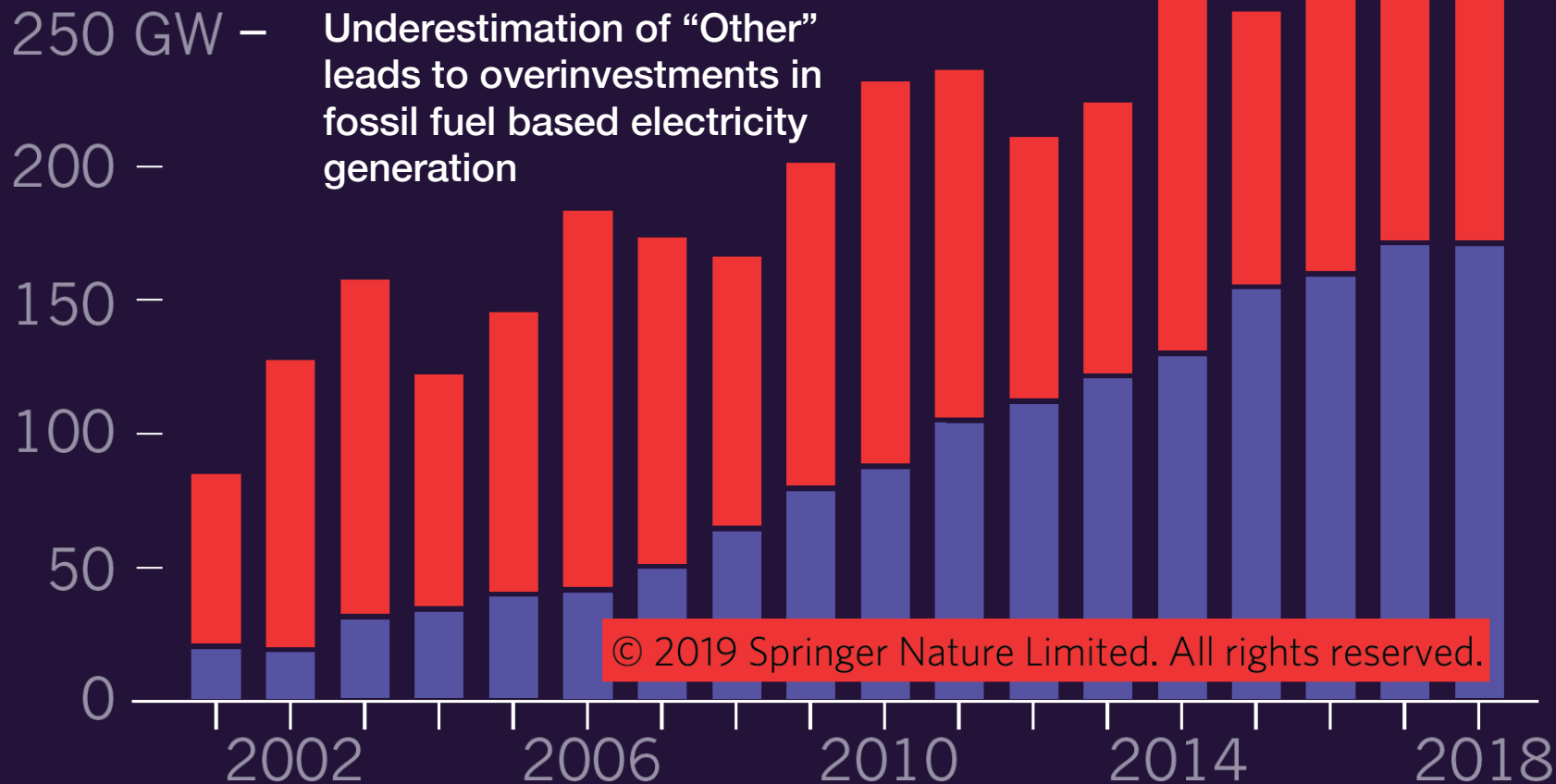
renewables

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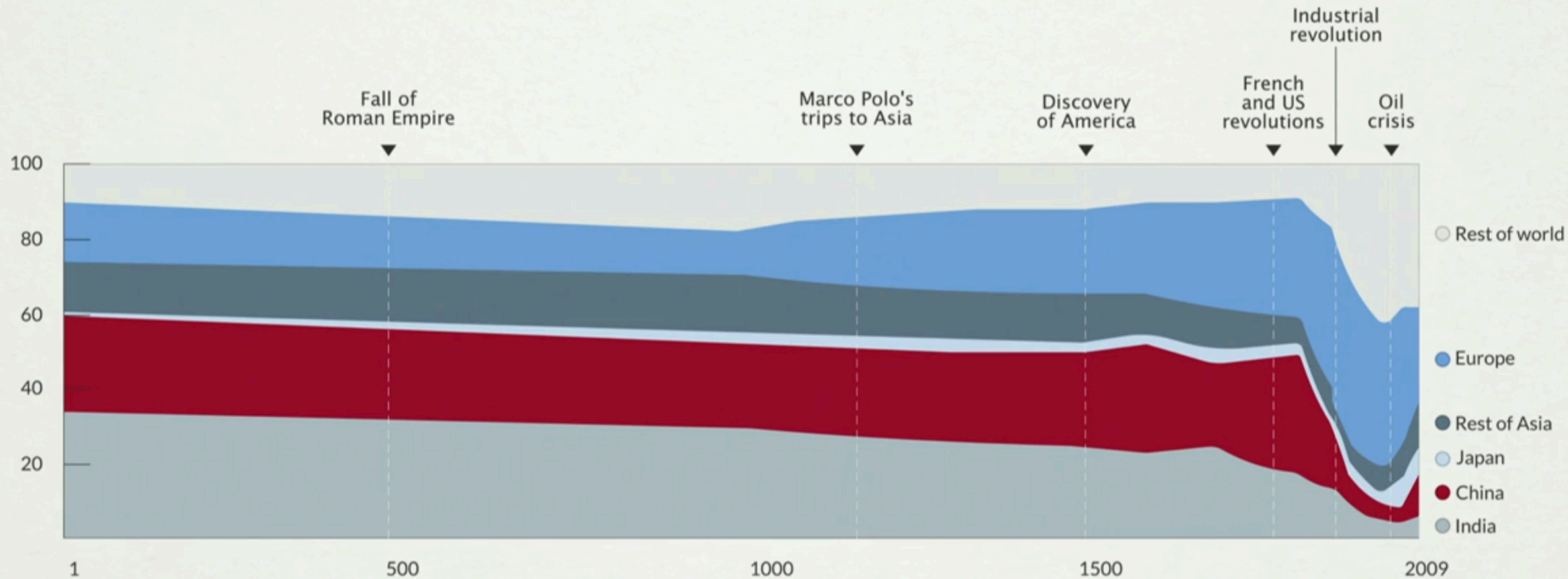
# New electricity generation capacity added each year

● Renewables ● Non-renewables



# SHARE OF TOTAL WORLD GDP

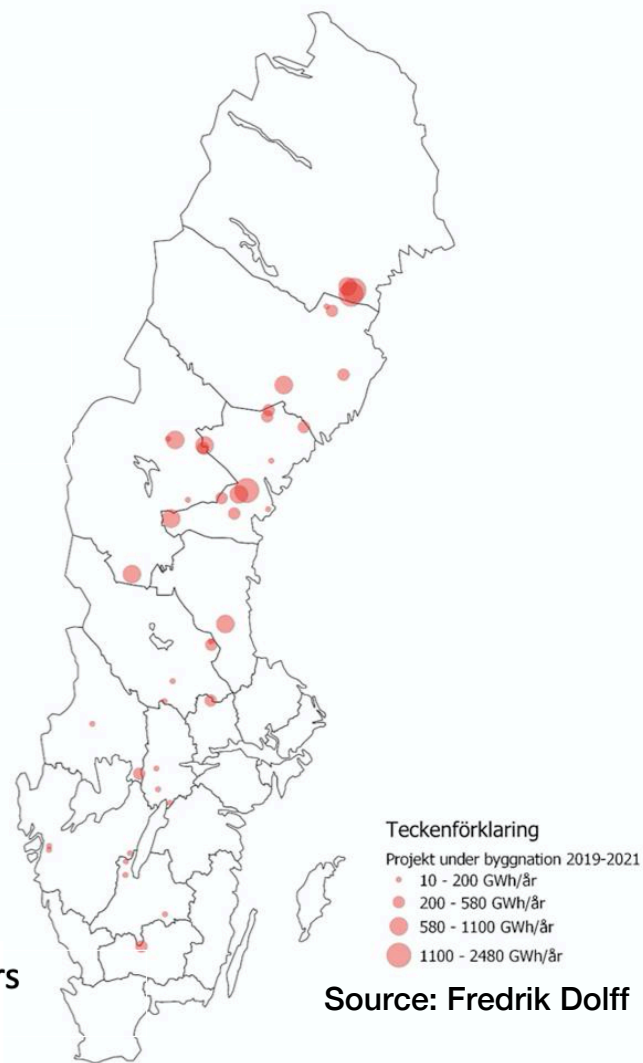
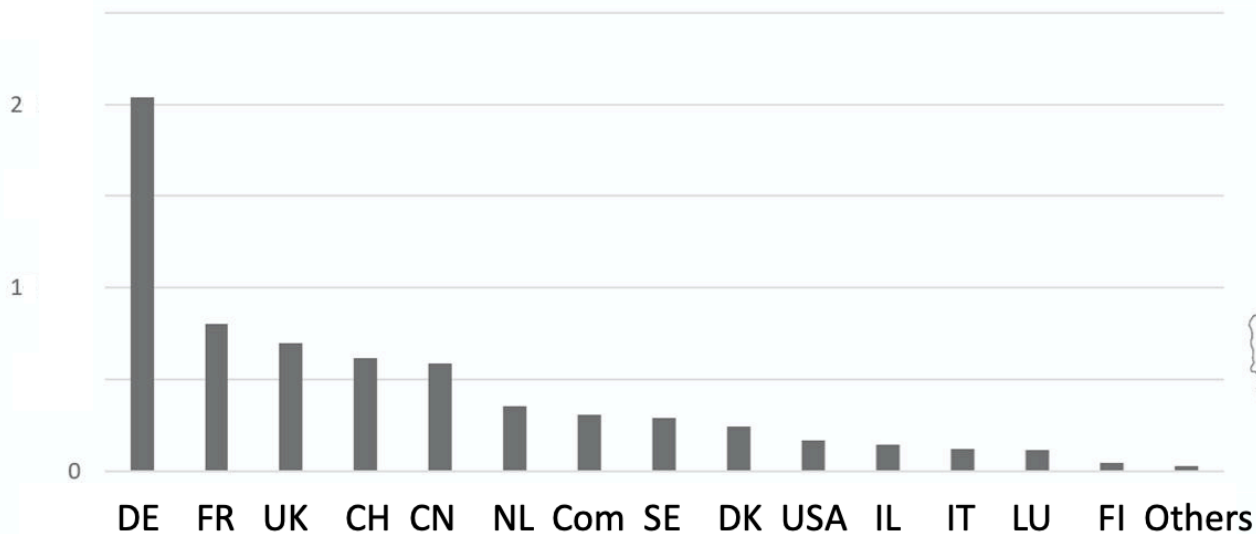
(YEARS 1-2009)



the two largest economies of the world were always those of China and India.

# Projects under construction 2019-2021

Countries that invest a total of B€8 in windpower in Sweden [B€]



Source: Fredrik Dolff