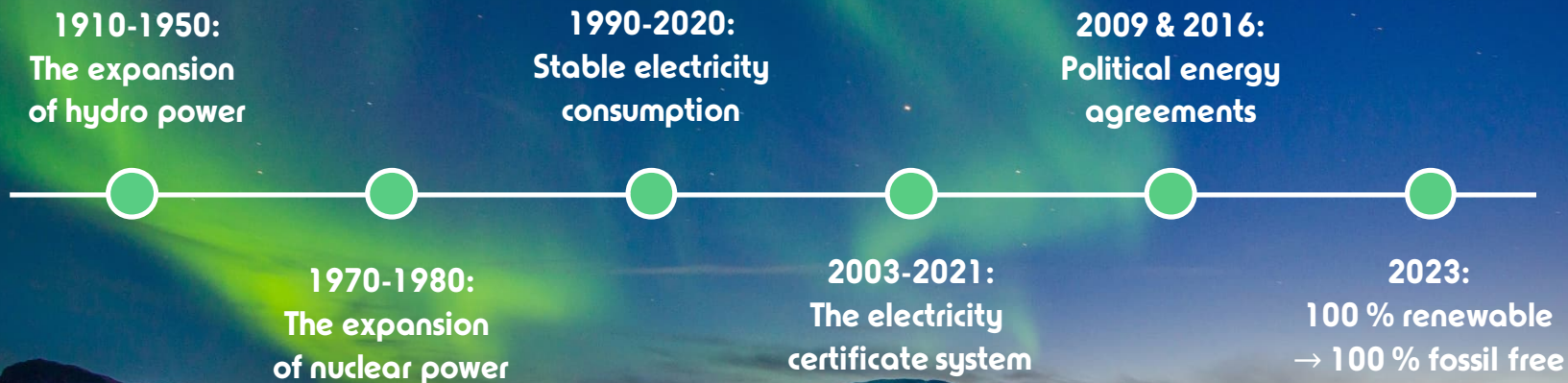


# The way forward: A Vision for Sweden

**Linus Lakso, Member of the Swedish Parliament and  
Energy Spokesperson for the Green Party in Sweden**



# The history of energy policy





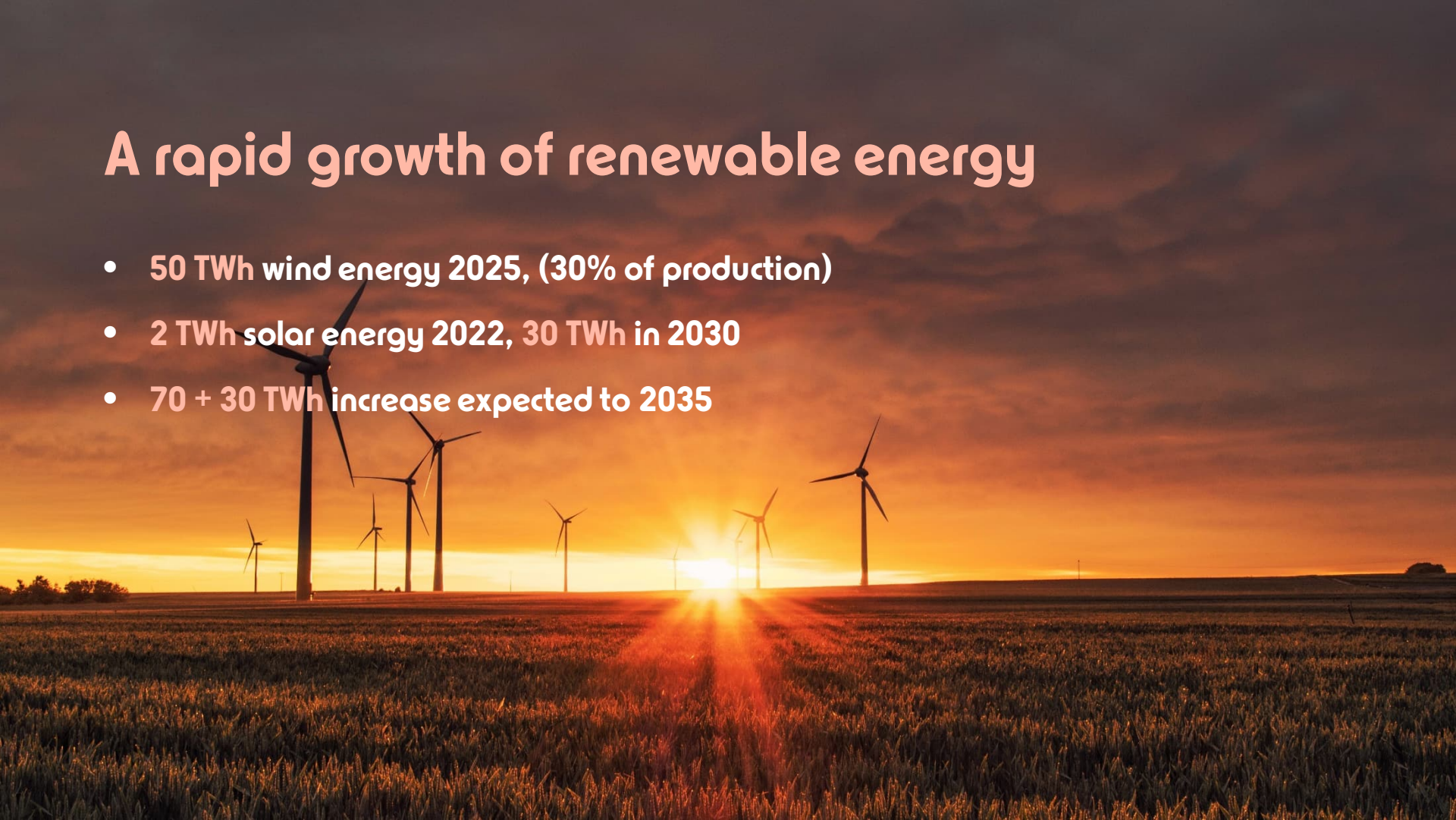
# Obstacles for progress

- "The cultural war"
- Slow legal processes
- Unstable political situation...



# A rapid growth of renewable energy

- **50 TWh wind energy 2025, (30% of production)**
- **2 TWh solar energy 2022, 30 TWh in 2030**
- **70 + 30 TWh increase expected to 2035**





# A strong increase in demand

- 70 TWh needed in the industry sector to 2030
- 20 TWh to electrify the transport sector
- 17 TWh of energy efficiency measures





# Energy storage and flexibility

- Flexible hydrogen and smart charging
- **10 GW** potential for demand respons 2030
- **1 GW** of batteries 2025





# Vision for the future system

- To reach a fossil free welfare society
- Clear production goals
- Policy development for flexibility and resilience
- Political stability for energy investments



An aerial photograph of a dense forest, likely a coniferous forest, with a dirt road winding through it. The trees are in various shades of green, and some dead, grey trees are visible. The word "Thanks!" is written in large, bold, light green letters across the center of the image.

# Thanks!

**Linus Lakso, Member of the Swedish Parliament and  
Energy Spokesperson for the Green Party in Sweden**





83,160,69

CMYK  
85,0,100,0

HEX  
#53A045

PMS  
355

88,205,131

CMYK  
62,0,62,0

HEX  
#58CD83

PMS  
345 U

Huvudfärger

RGB  
0,0,0

CMYK  
100,0,0,0

HEX  
#000000

PMS  
Black

RGB  
121,120,107

CMYK  
15,20,22,45

HEX  
#79786B

PMS  
Warm gray 8

RGB  
255,255,255

CMYK  
0,0,0,0

HEX  
#FFFFFF

PMS  
White

Grundfärger

RGB  
173,255,170

CMYK  
14,0,32,0

HEX  
#ADFFAA

PMS  
2253 U

RGB  
0,85,48

CMYK  
71,12,88,36

HEX  
#005530

PMS  
357 U

RGB  
118,168,55

CMYK  
50,0,98,4

HEX  
#76A837

PMS  
376 U

RGB  
246,228,0

CMYK  
5,1,96,0

HEX  
#F6E400

PMS  
3965 U

RGB  
232,84,41

CMYK  
1,75,87,2

HEX  
#E85429

PMS  
179 U

RGB  
255,185,166

CMYK  
0,24,34,0

HEX  
#FFB9A6

PMS  
488 U

RGB  
85,85,156

CMYK  
72,75,0,0

HEX  
#55559C

PMS  
273 U



# Special circumstances for sweden

- **90 % district heating**
- **60 % heat pumps**
- **Biomass biggest source of energy**