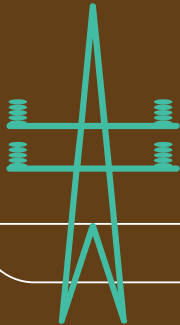
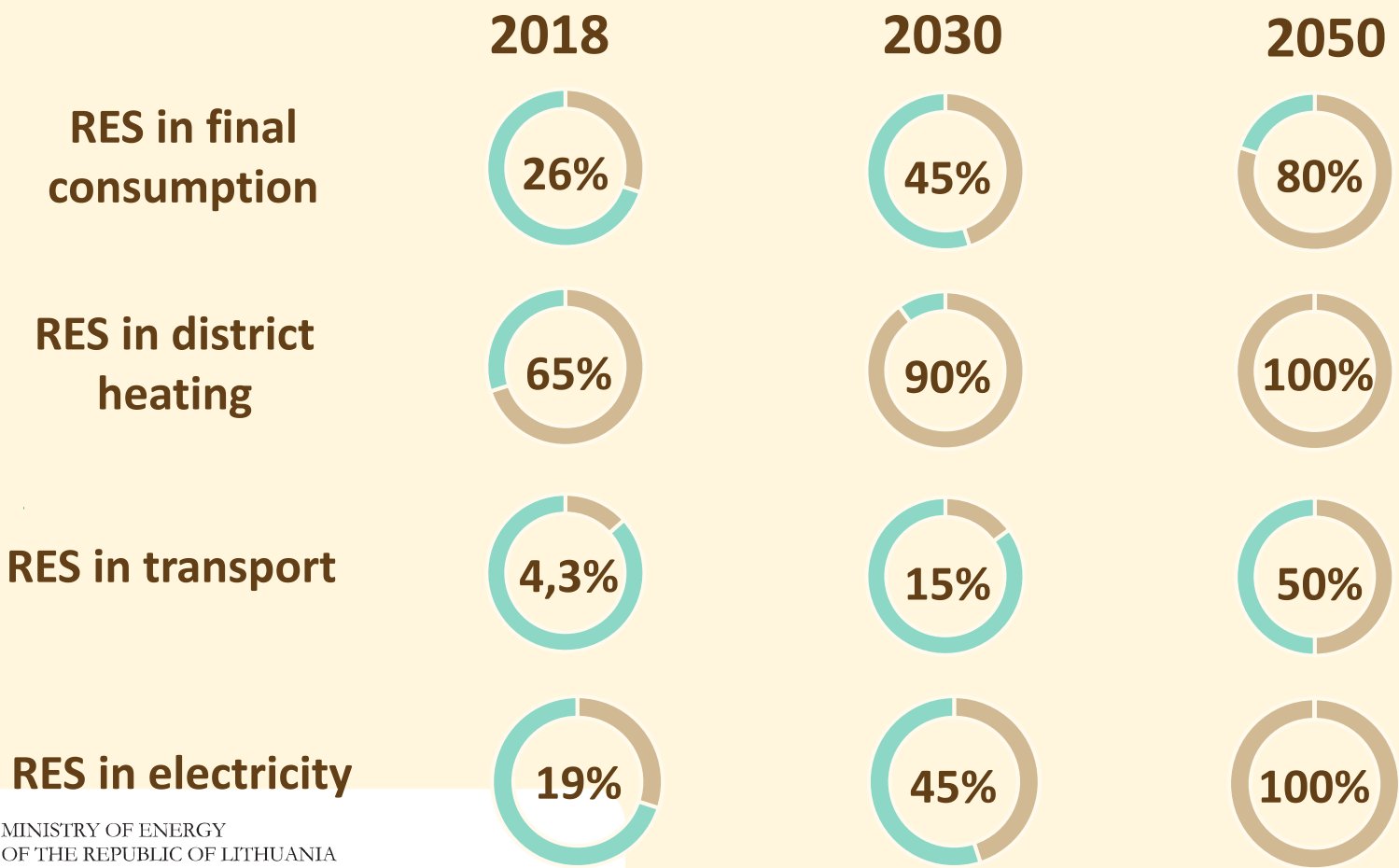


*100 percent renewables in 2050?  
How could RES policy instruments  
still do a difference?*

Dovile ZDANAVICIENE  
Head of policy group  
Ministry of energy

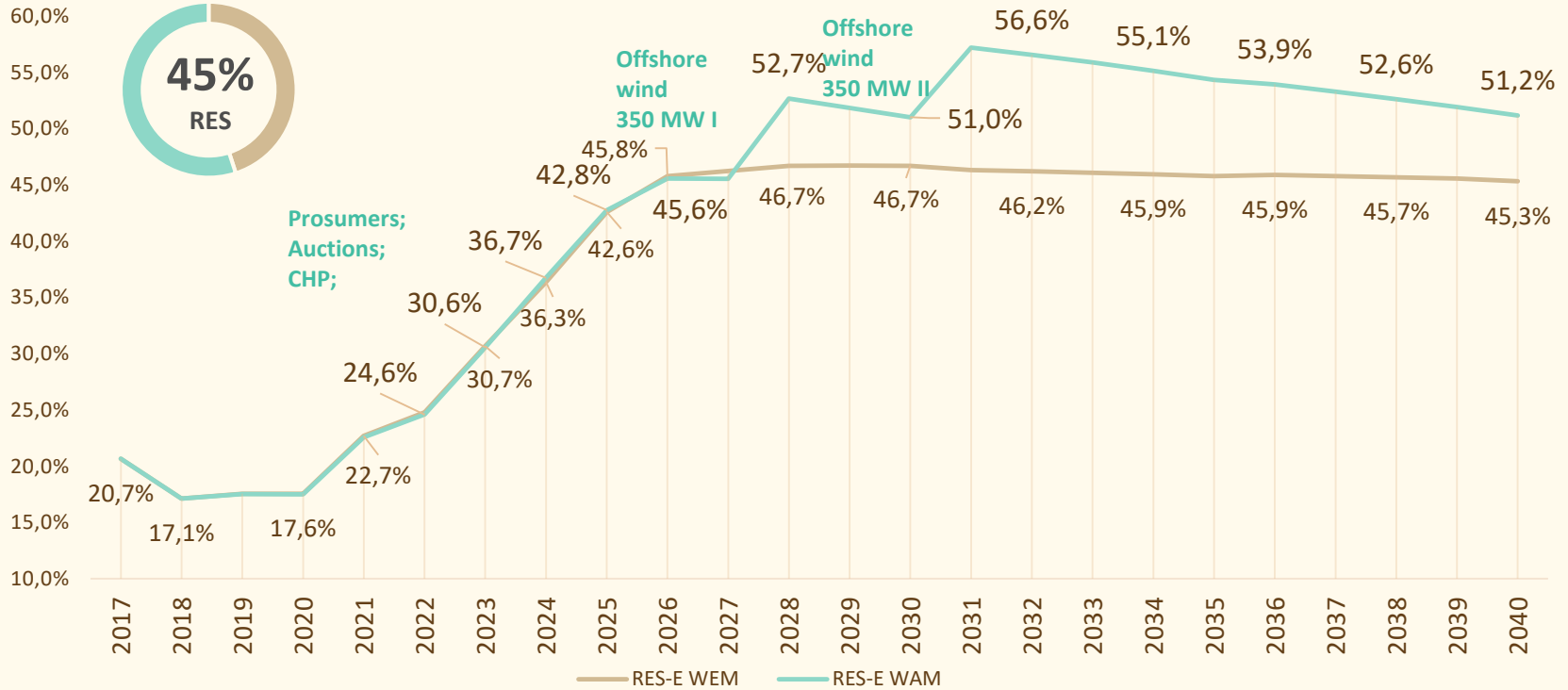
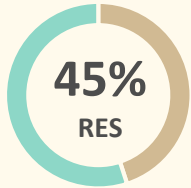


# LONG TERM GOALS FOR LITHUANIA'S ENERGY SECTOR

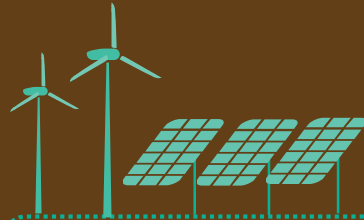


# RENEWABLE ELECTRICITY

Goal for 2030:



# RENEWABLE ELECTRICITY



**Large scale  
(auctions)**

Starting 2019

**Up to +500 MW**

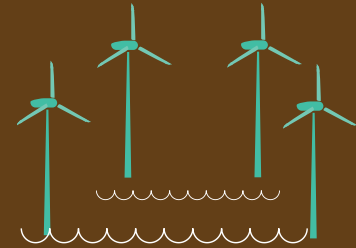
Auction each year



**Small scale  
(prosumers)**

Starting 2015

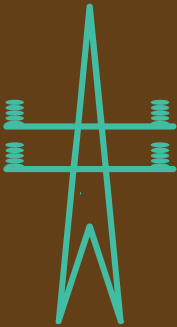
**+200 MW**



**Offshore wind**

Starting 2028

**+700 MW**



# AUCTIONS



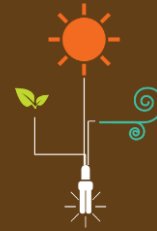
**2019 Q3**  
First 0.3 TWh  
auction started



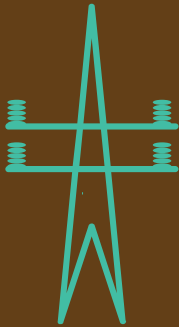
**3 year plans**  
For auctions to be  
announced



**2.5TWh**  
Electricity to be  
produced in 2025



**Technology  
neutral**



**Market  
premium**  
3,86 ct/kW



**12 year**  
Support period



# PROSUMERS



1

## On spot power plant

- Power plant at the property
- On spot consumption



2

## Virtual power plant

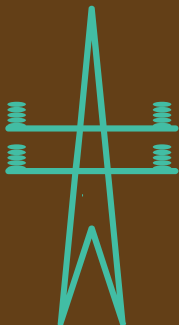
- Distant power plant at the property (e.g. summer house)
- No on spot consumption- 100% grid „storage“



3

## Part of power plant in solar garden

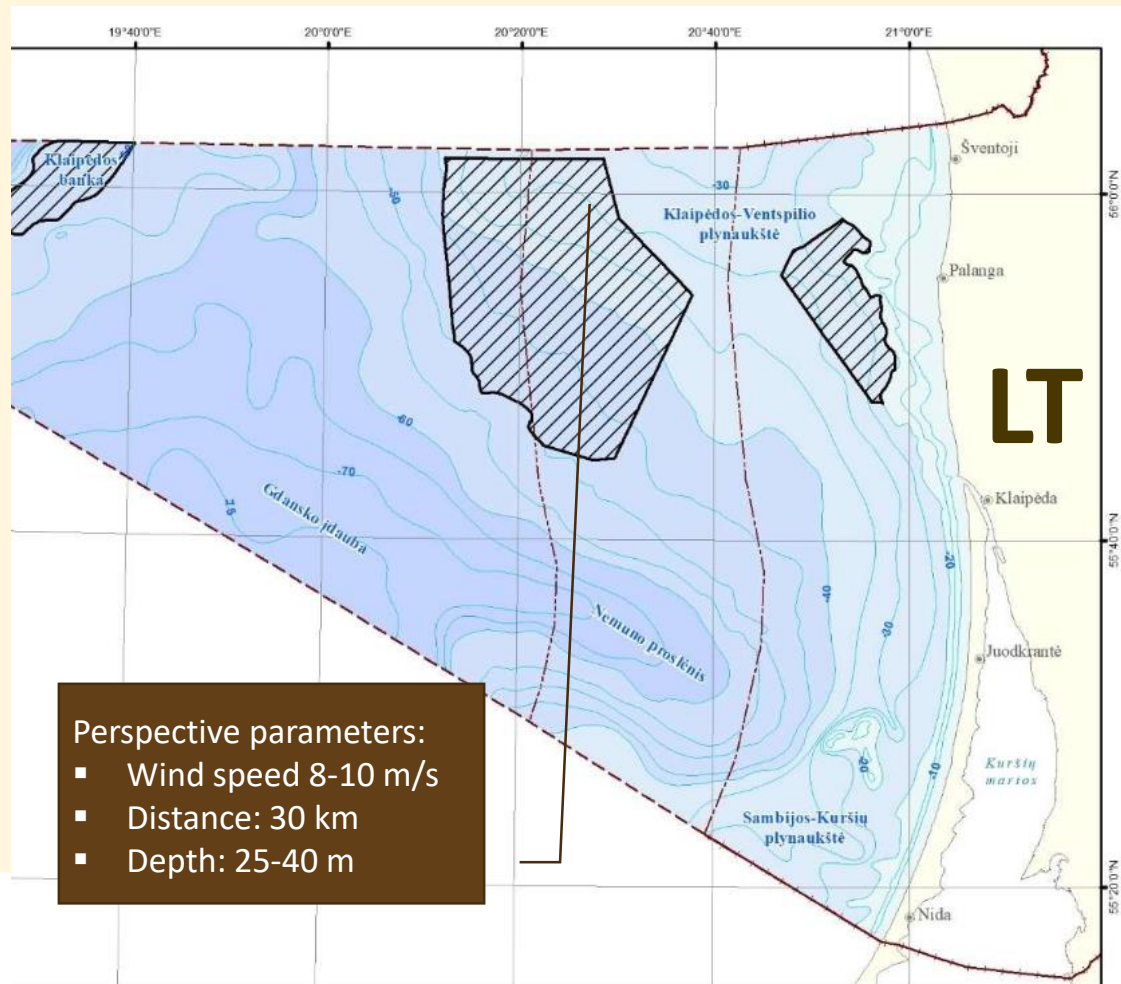
- Solar garden developed by companies
- Partial ownership
- No on spot consumption- 100% grid „storage“



# OFFSHORE WIND

Homework until 2021:

- Environmental assesment
- Spatial planning
- Grid development
- Impact assesment
- Support scheme (auctions)
- Electricity market modelling

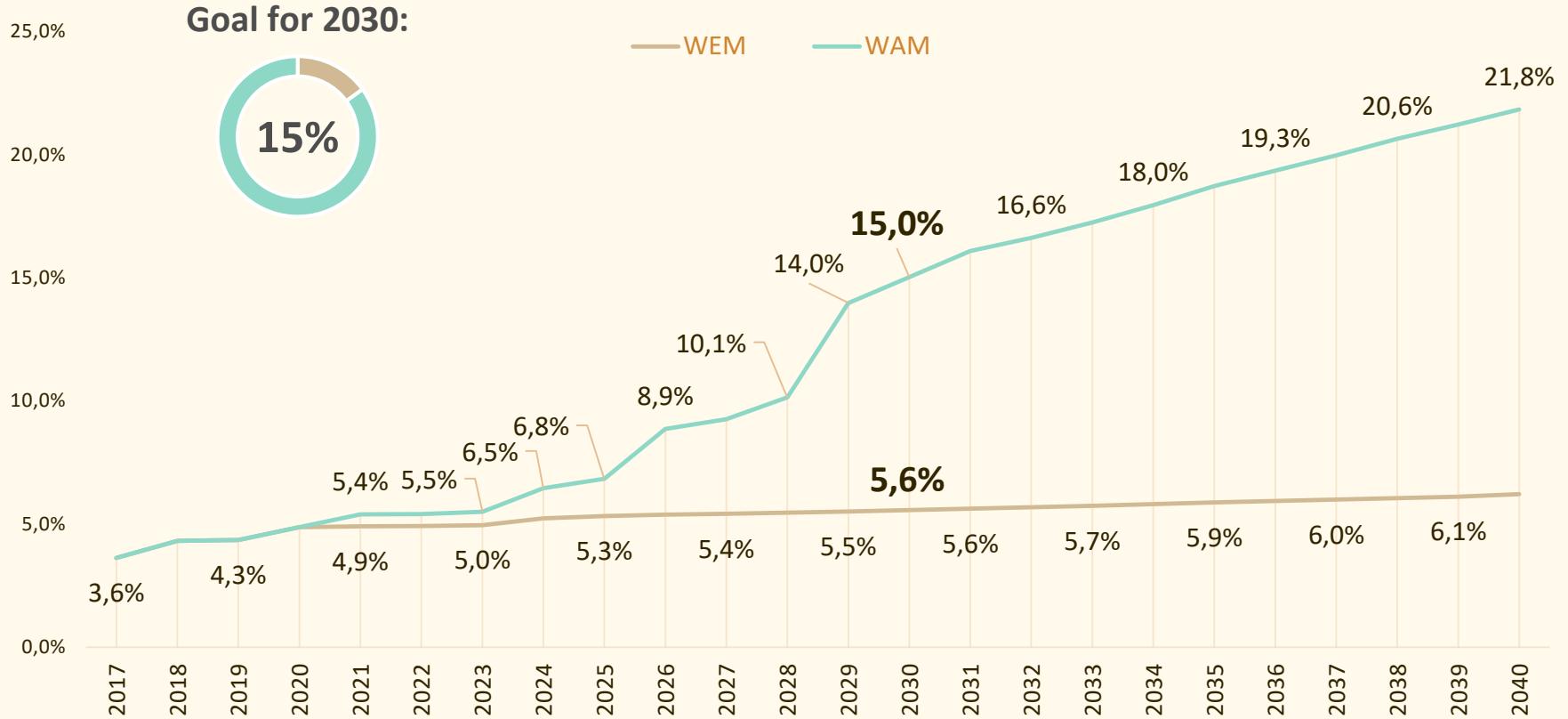


Perspective parameters:

- Wind speed 8-10 m/s
- Distance: 30 km
- Depth: 25-40 m



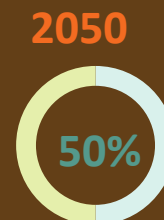
# RENEWABLE TRANSPORT





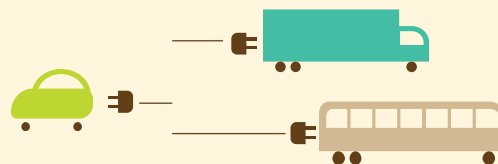
# RENEWABLE TRANSPORT

RES share in  
transport



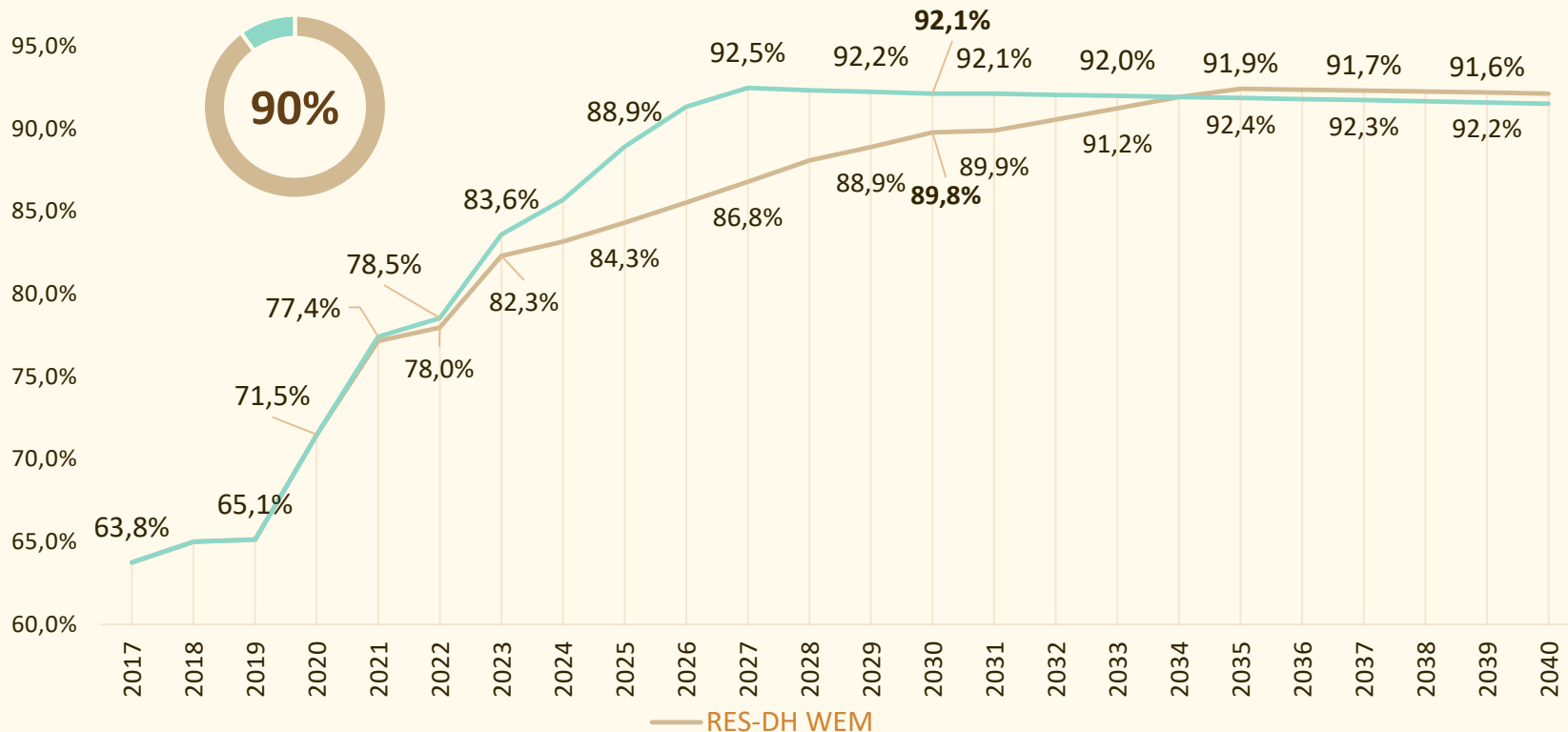
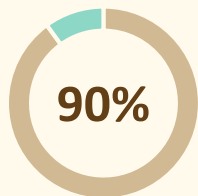
## SCOPE:

- Transport electrification (trains, passenger cars)
- Green transport procurement
- Liquid I or II generation biofuels
- Gas in transport (biomethane, CNG, LNG, hydrogen)
- Infrastructure

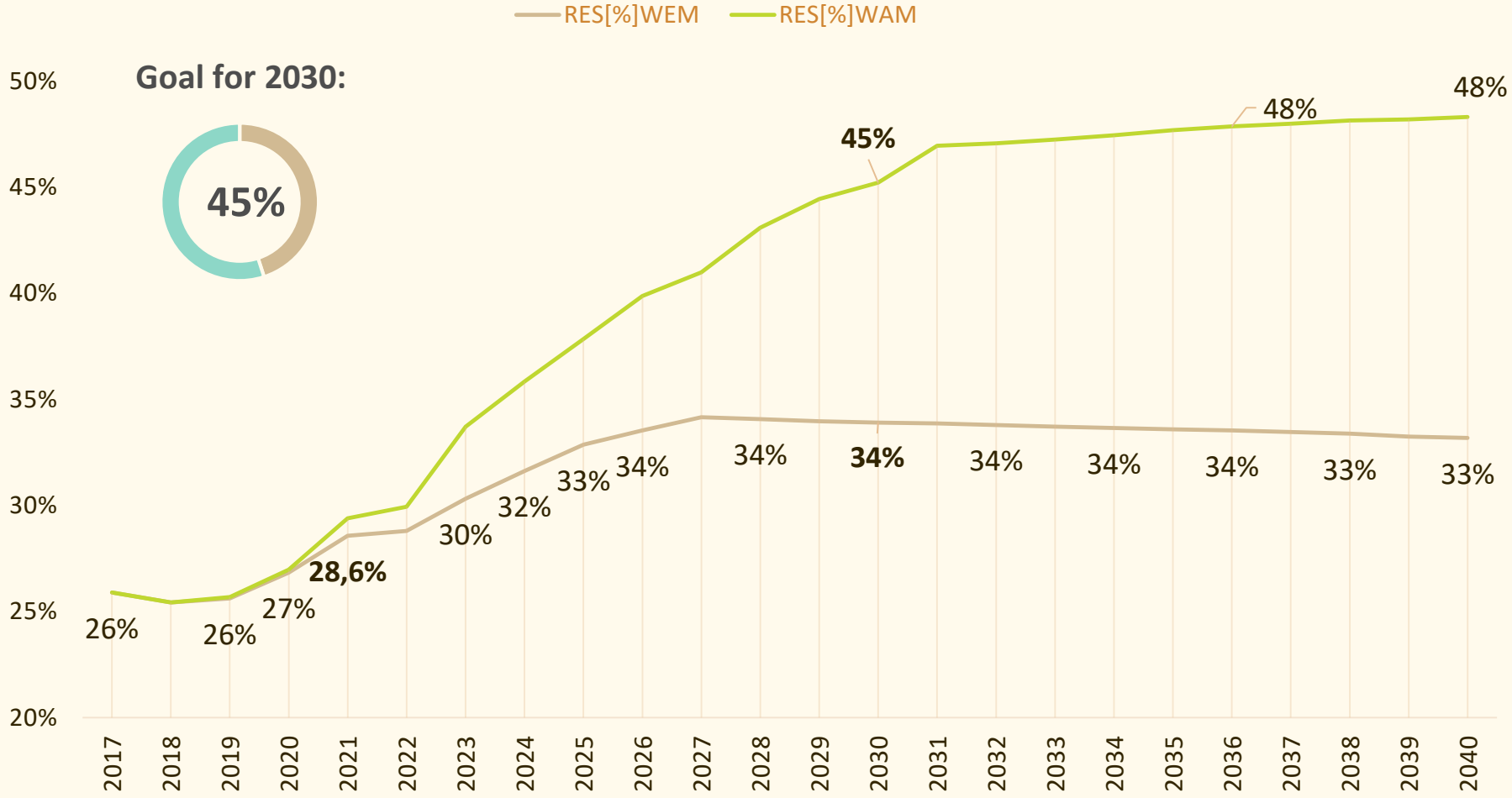


# RENEWABLE DISTRICT HEATING

Goal for 2030:



# RENEWABLE ENERGY SHARE



**THANK YOU**

