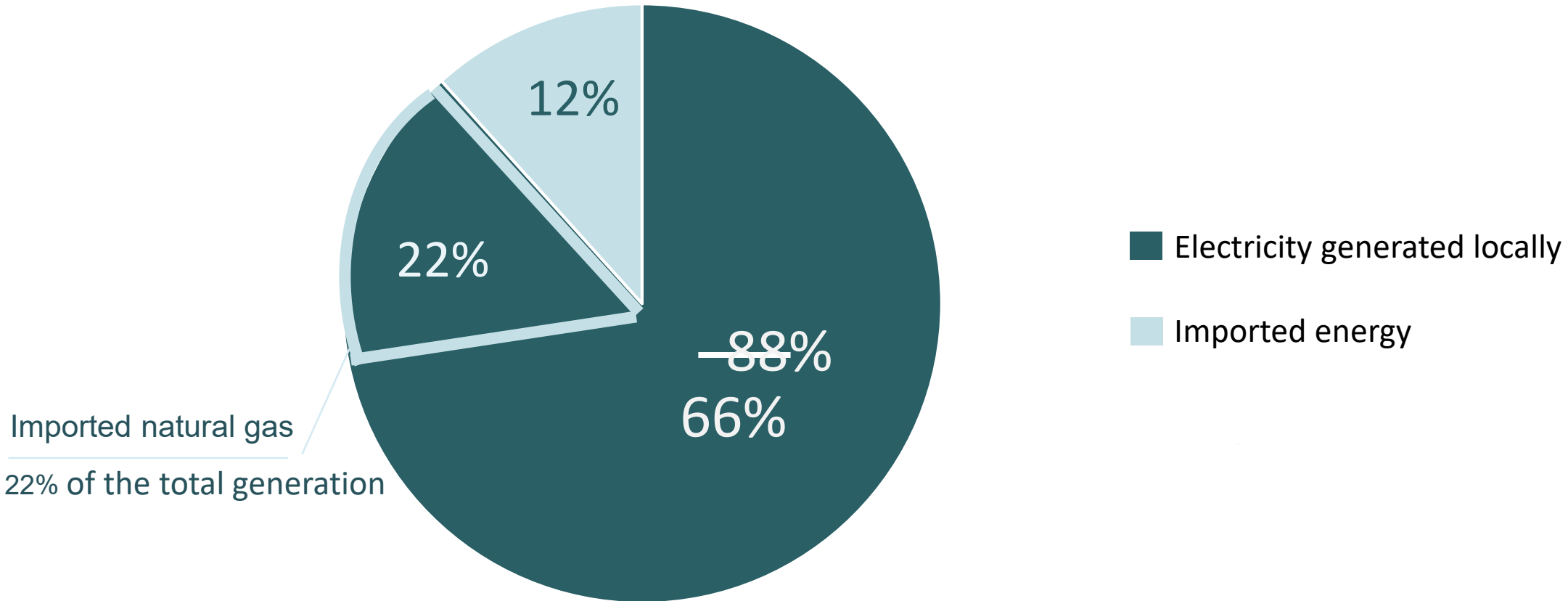


LATVIAN
WIND ENERGY
ASSOCIATION

Wind energy in Latvia

Lasma Livzeniece
Latvian Wind Energy Association

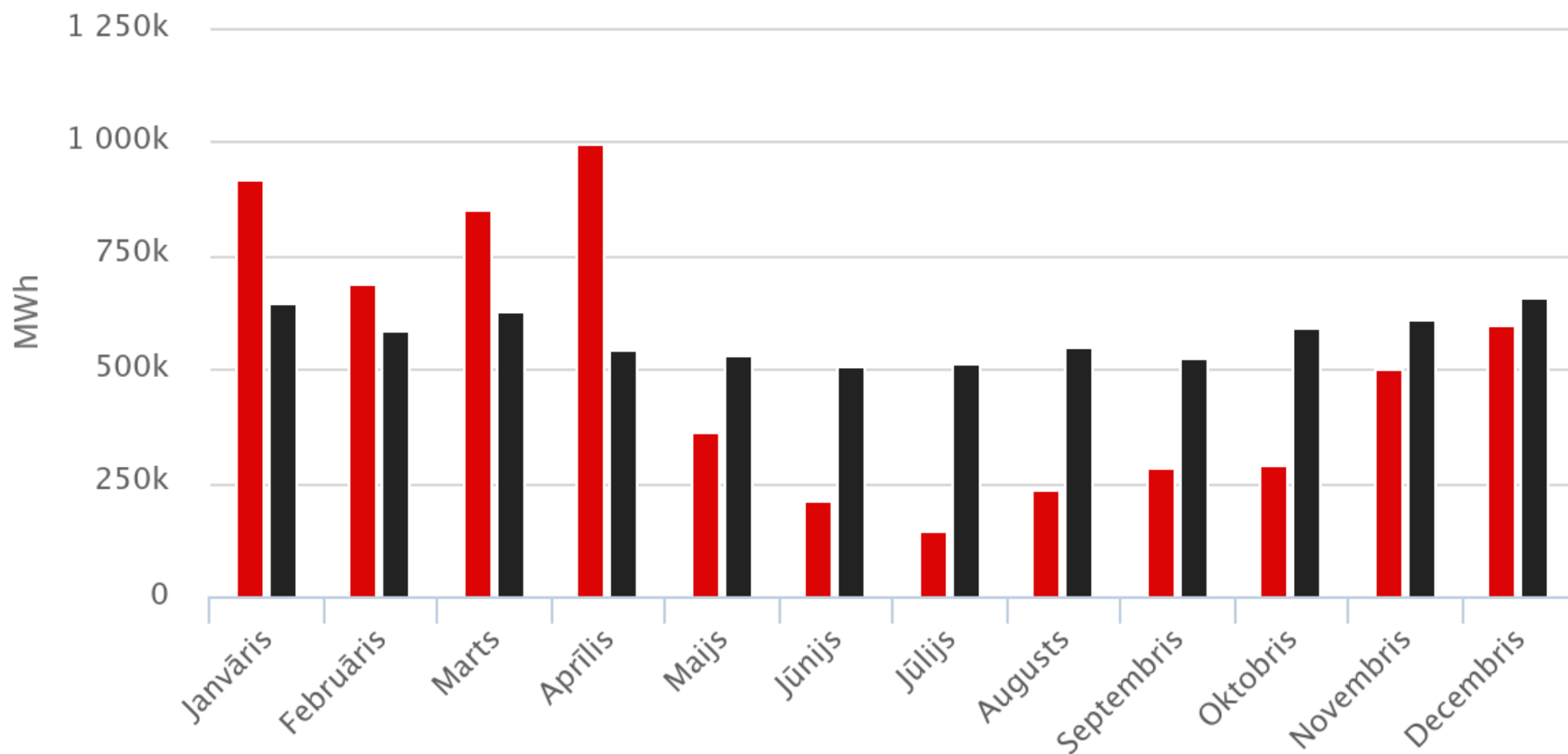
Electricity balance sheet for Latvia in 2023



	TWh
Electricity consumption in Latvia	6.9
National electricity consumption using local generation	6.1
Import	0.8

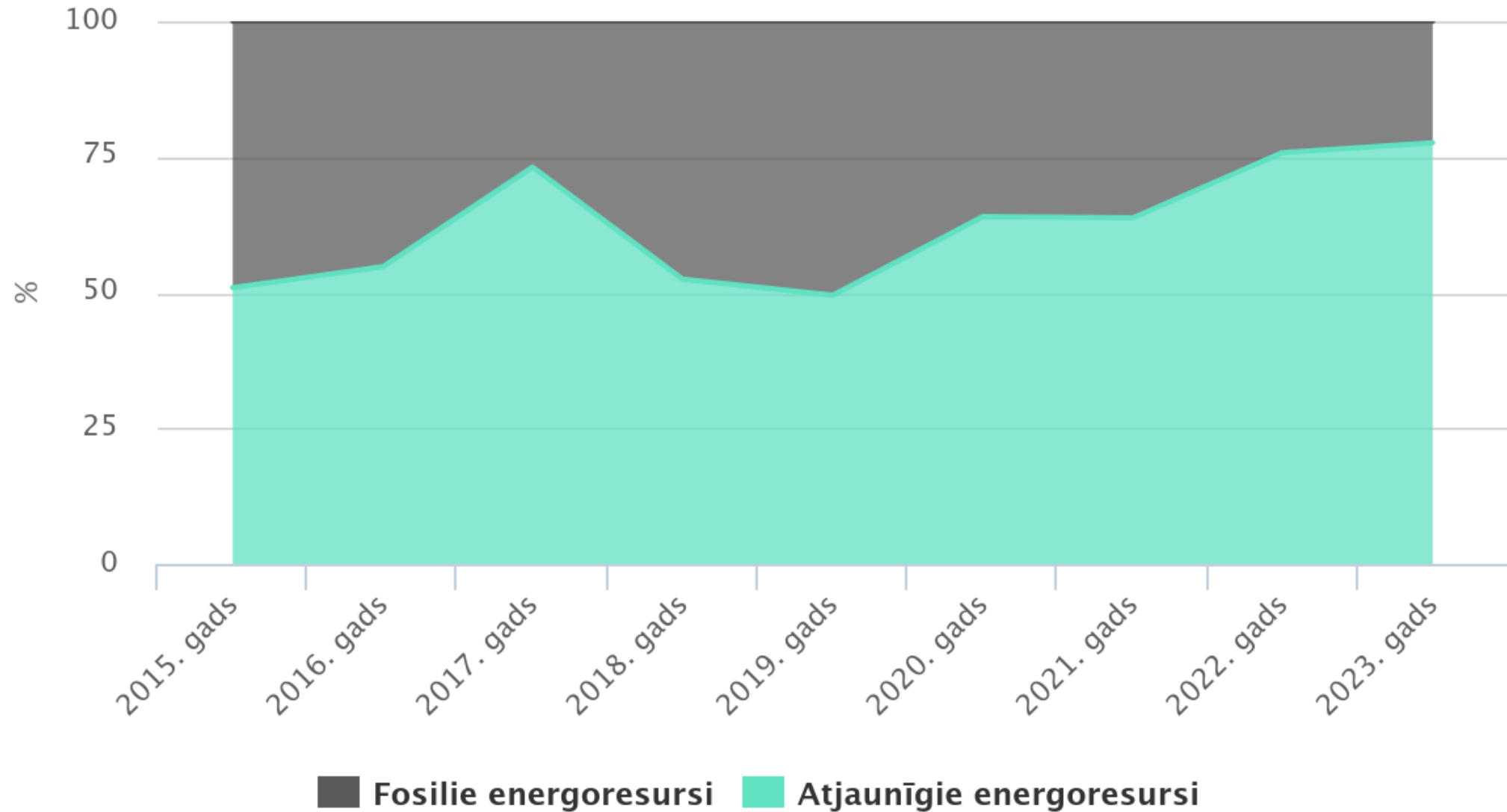
Source: Latvian TSO

Generation vs consumption 2023



■ Kopējais saražotās elektroenerģijas apjoms ■ Latvijas elektroenerģijas patēriņš (neto)

Renewables energy vs fossils - generation 2015–2023



Wind energy capacity

EU-27	New installations in 2023 (MW)			Cumulative capacity (MW)			Share of wind in power mix in 2023		
	Onshore	Offshore	Total	Onshore	Offshore	Total	Onshore	Offshore	Total
Austria	331	-	331	3,885	-	3,885	14%	-	14%
Belgium	203	-	203	3,231	2,261	5,492	8%	10%	18%
Bulgaria	-	-	-	706	-	706	4%	-	4%
Croatia	156	-	156	1,256	-	1,256	14%	-	14%
Cyprus	-	-	-	158	-	158	4%	-	4%
Czechia	13	-	13	351	-	351	1%	-	1%
Denmark	54	344	398	4,910	2,652	7,562	32%	24%	56%
Estonia	58	-	58	376	-	376	10%	-	10%
Finland	1,278	-	1,278	6,872	71	6,943	18%	-	18%
France	1,385	360	1,745	21,935	842	22,777	11%	0%	11%
Germany	3,567	329	3,896	61,139	8,536	69,675	26%	5%	31%
Greece	543	-	543	5,226	-	5,226	20%	-	20%
Hungary	-	-	-	329	-	329	1%	-	1%
Ireland	275	-	275	4,777	25	4,802	36%	-	36%
Italy	525	-	525	12,306	30	12,336	8%	0%	8%
Latvia	-	-	-	137	-	137	4%	-	4%
Lithuania	262	-	262	1,208	-	1,208	21%	-	21%
Luxembourg	42	-	42	208	-	208	-	-	-
Malta	-	-	-	-	-	-	-	-	-
Netherlands	527	1,906	2,433	6,754	4,739	11,493	16%	11%	27%
Poland	1,157	-	1,157	9,383	-	9,383	13%	-	13%
Portugal	79	-	79	5,809	25	5,834	25%	0%	26%
Romania	72	-	72	3,100	-	3,100	14%	-	14%
Slovakia	-	-	-	3	-	3	0%	-	0%
Slovenia	-	-	-	3	-	3	0%	-	0%
Spain	762	2	764	30,562	7	30,569	27%	-	27%
Sweden	1,973	-	1,973	16,249	192	16,441	26%	-	26%
Total EU-27	13,262	2,941	16,203	200,872	19,380	220,252	17%	2%	19%

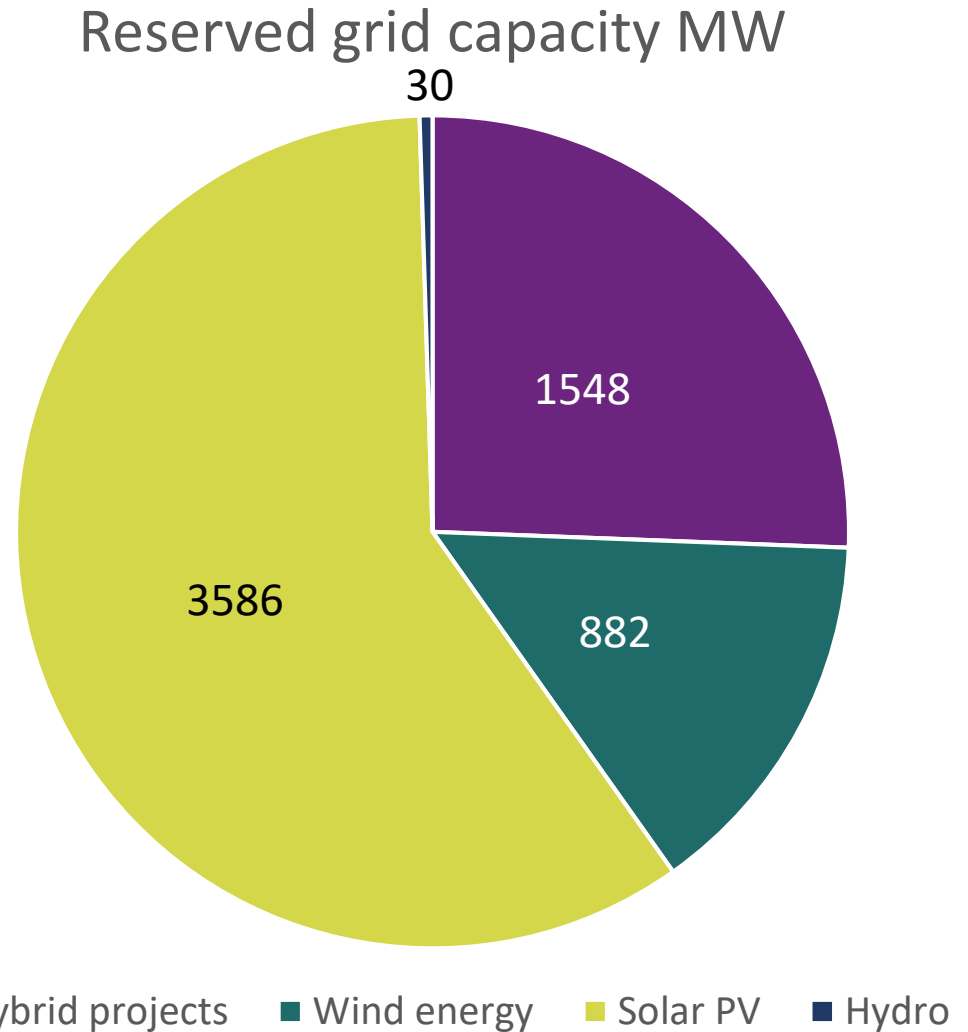
Onshore wind energy in Latvia

Installed capacity – 137.4 MW

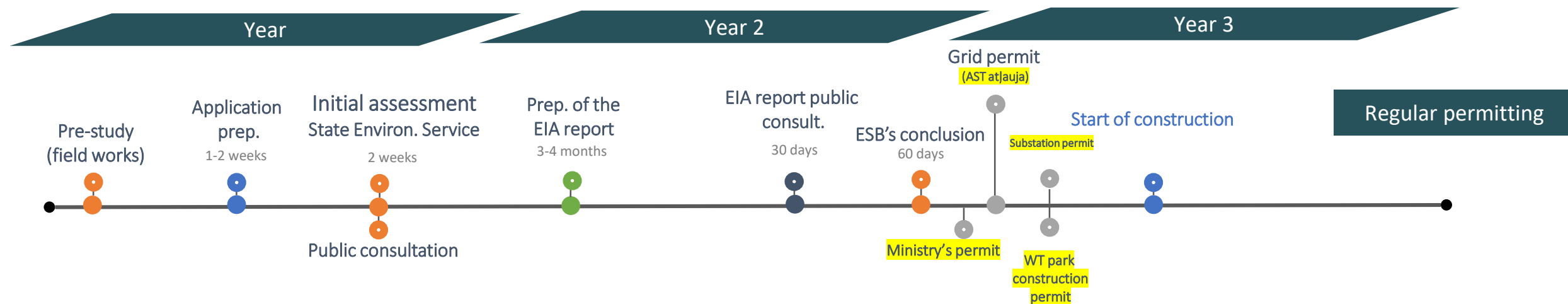
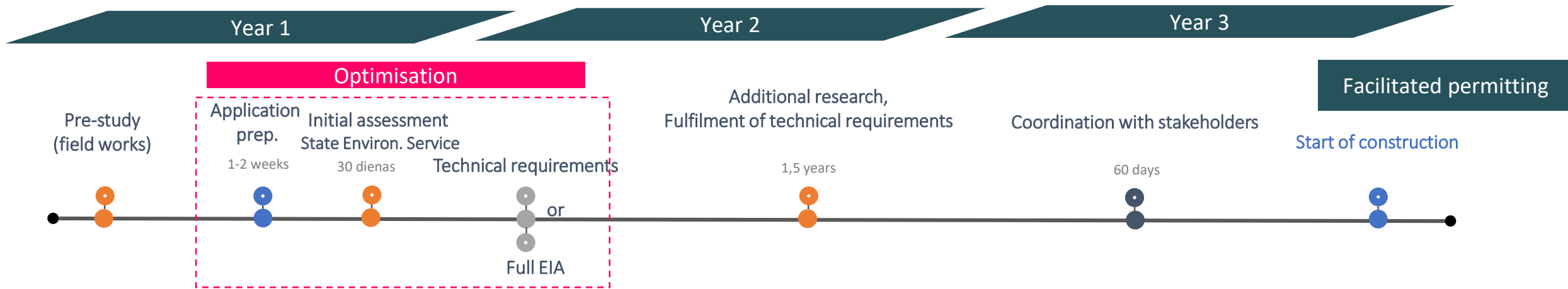
Ongoing EIA for projects totalling to 12 GW

Transmission grid reservations – 6+ GW;
available grid capacity - 2GW

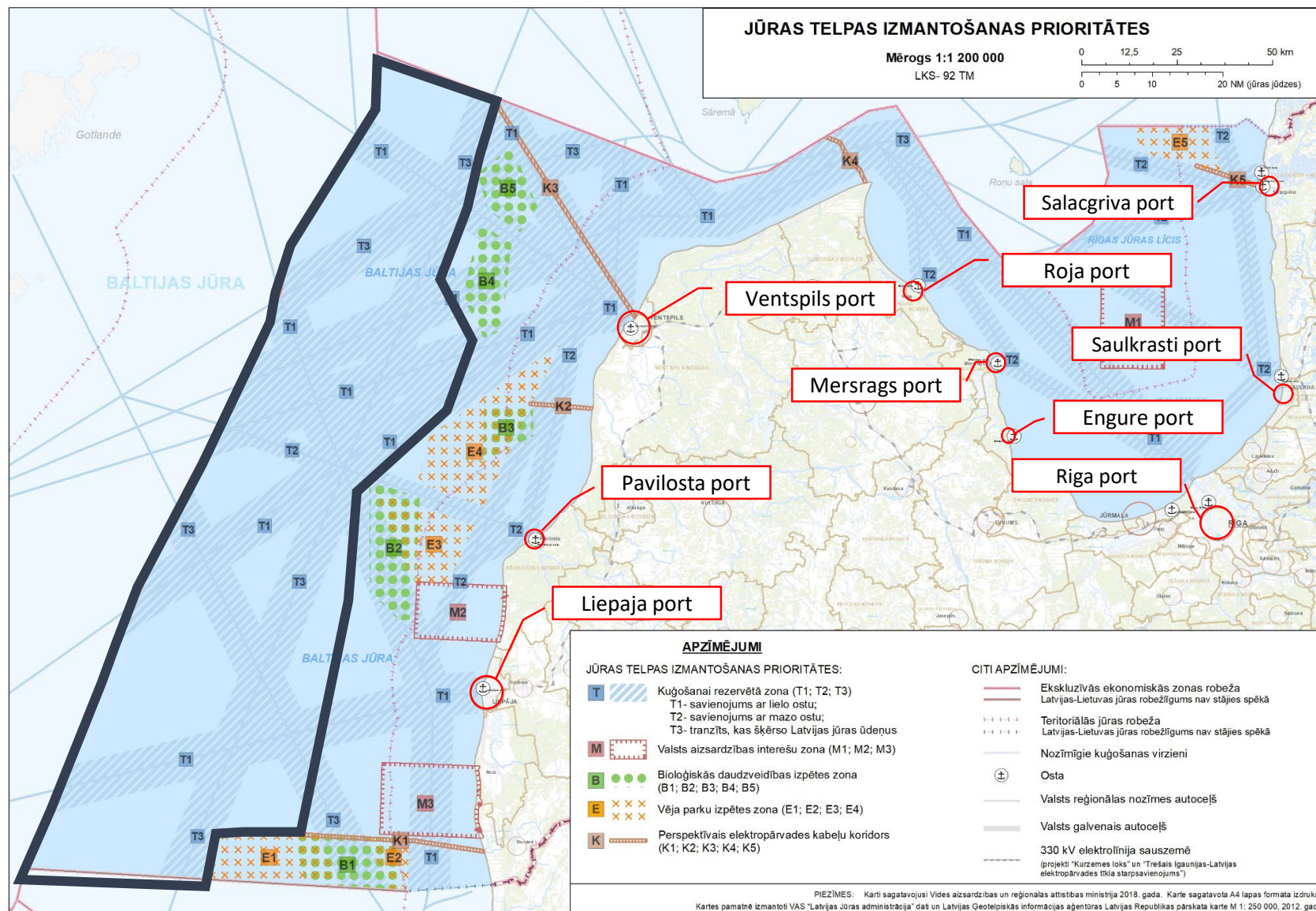
Latvian State Forest auction (1st round) – approx. 1.4
GW have been awarded.



Wind farm development time frame



Offshore wind energy potential



Xxx Licence areas in the MSP (around 1 GW each)

○ Ports
 Additional potential ter. for OWF development

The total estimated offshore wind capacity for Latvia – 15.5 GW



Latest regulatory updates

Implementation of one-stop-shop for wind energy development carried out by State Construction Control Bureau

Work on solving the mess in the grid through curtailment regulation

Work on establishing a payment to local communities

WIND WORKS

*connecting
industries*

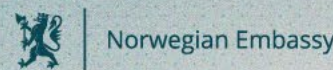
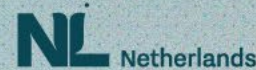
April 25, 2024 | Riga, Latvia



ORGANISERS



PARTNERS



Any questions?

Lasma Livzeniece

Executive Director, Latvian Wind Energy Association

info@wea.lv

+371 2615 49 69

 www.wea.lv

 info@wea.lv



[@vejaenergija](#)

[@windlatvia](#)

LWEA is a proud member of

Wind[•]
EUROPE