

# Vēja enerģija 2018-2019

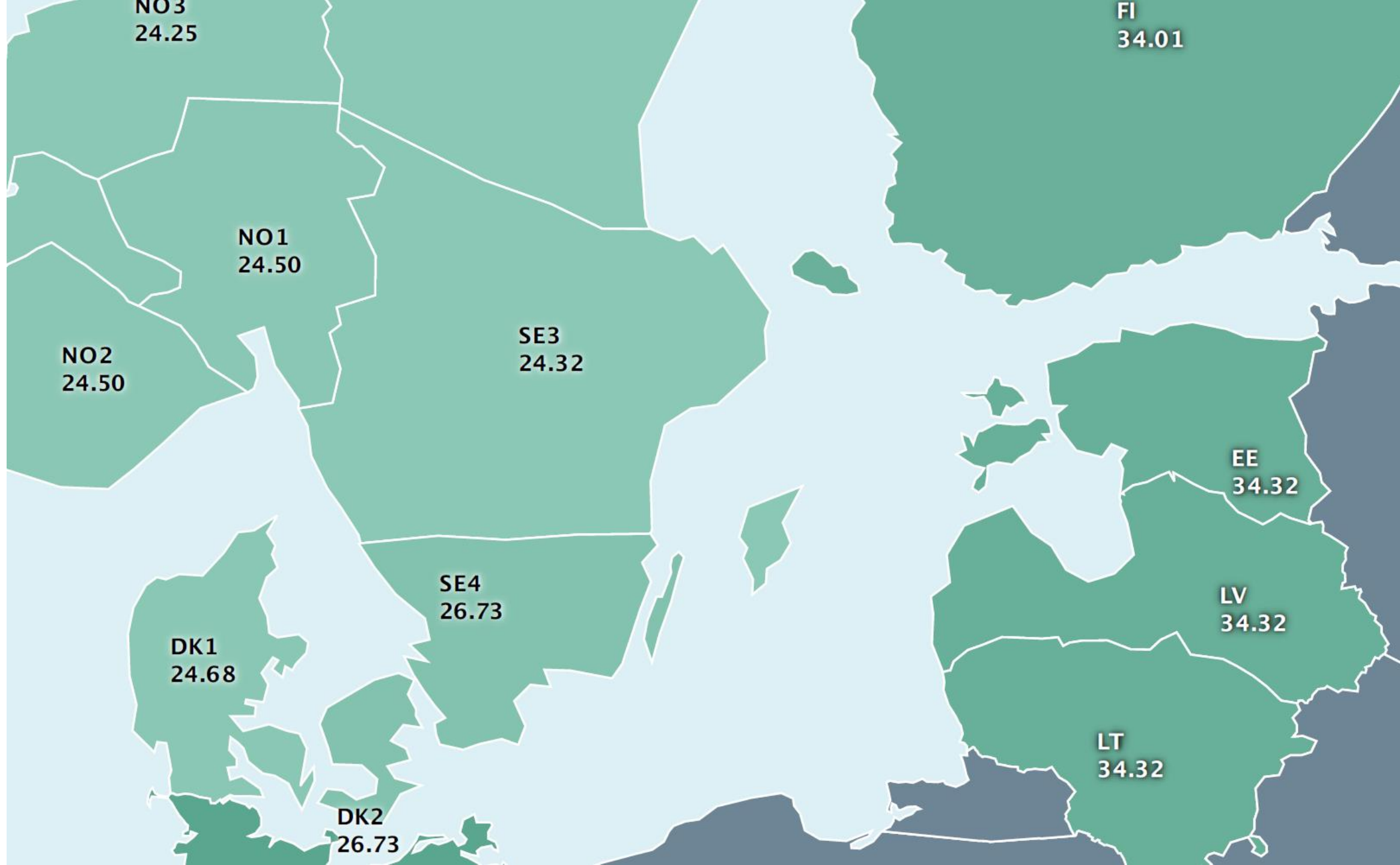
**WinWind Riga January 16th 2020**

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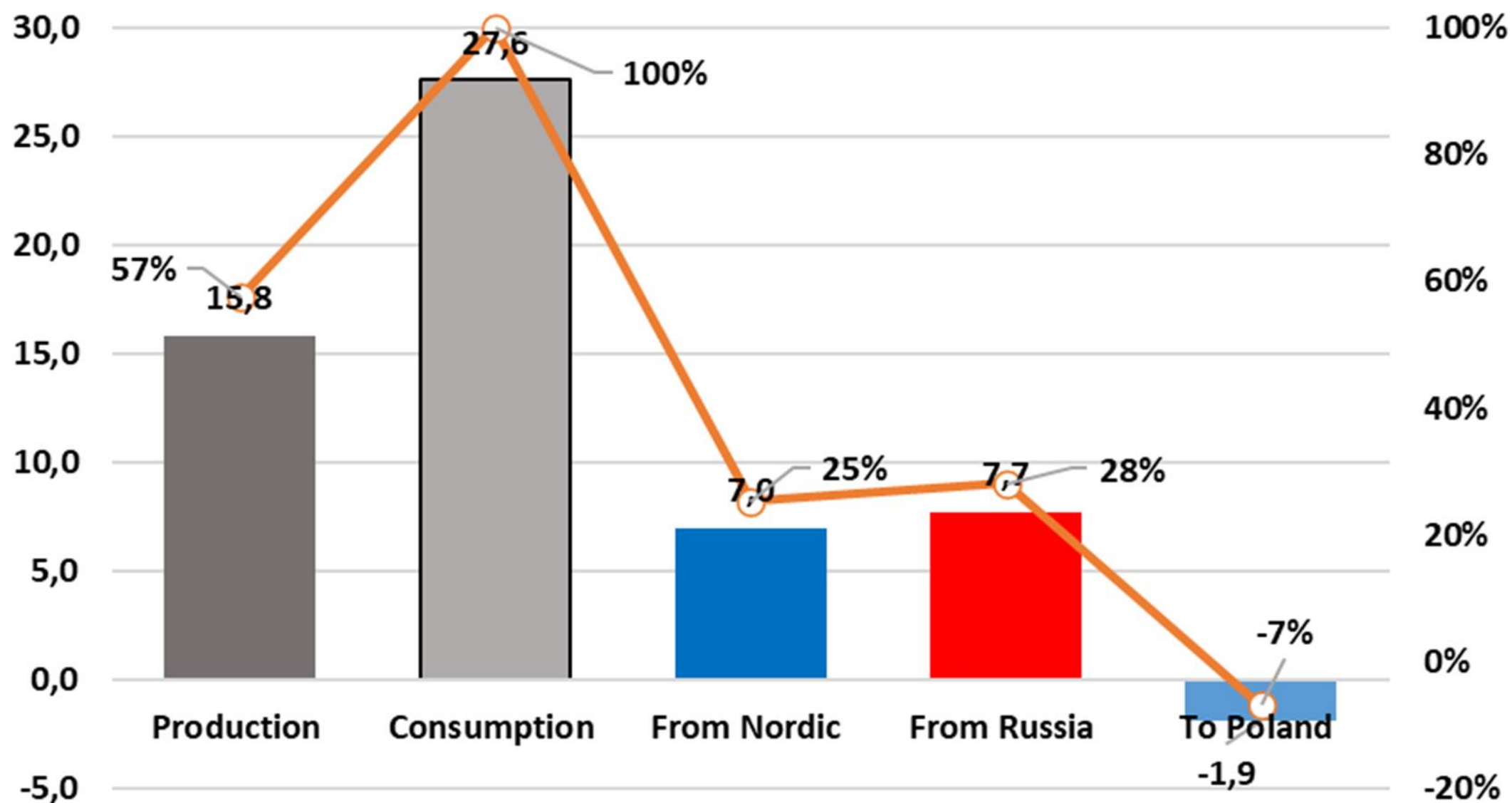
**Elspot Trade flows**  
January 16th 2020

The map displays power trade flows between various regions in Northern Europe. A red circle highlights the Nordic region, which includes Norway (NO), Sweden (SE), and Finland (FI). Other regions shown include Great Britain (GB), Ireland (EIRE), Netherlands (NL), Germany (DE), Poland (PL), Czech Republic (CZ), Ukraine (UKR), Belarus (BLR), Lithuania (LT), Latvia (LV), Estonia (EE), and Belgium (BE). Arrows indicate the direction of trade, and numbers represent the volume of trade in MWh.

From Region	To Region	Volume (MWh)
GB	NL	29 980.2
NL	GB	11 406.2
NO1	NO2	39 326.1
NO2	NO1	13 574.2
NO3	NO2	1 050
NO5	NO2	1 276.5
NO5	NO3	632.7
NO5	NO1	0.2
SE2	SE3	5 763.5
SE3	SE2	329.9
SE3	SE4	1 639.5
SE4	SE3	1 574.2
SE4	DK1	103 093.1
DK1	SE4	12 859
DK1	DK2	17 897.5
DK2	DK1	6 685.4
DK1	GB	31 200
DK2	DK1	14 040
DK2	DE	14 215.9
DE	DK2	10 392
DE	PL	11 347.3
FI	SE2	8 734.1
FI	SE3	118 525.3
FI	SE4	26 512.1
EE	LV	4 513.7
LV	EE	625.2
LV	LT	4 626.4
LT	LV	3 606.2
LT	BLR	8 075
LT	DE	6 527
LT	PL	16 674
LT	UKR	207.3
LT	EE	1 358.2



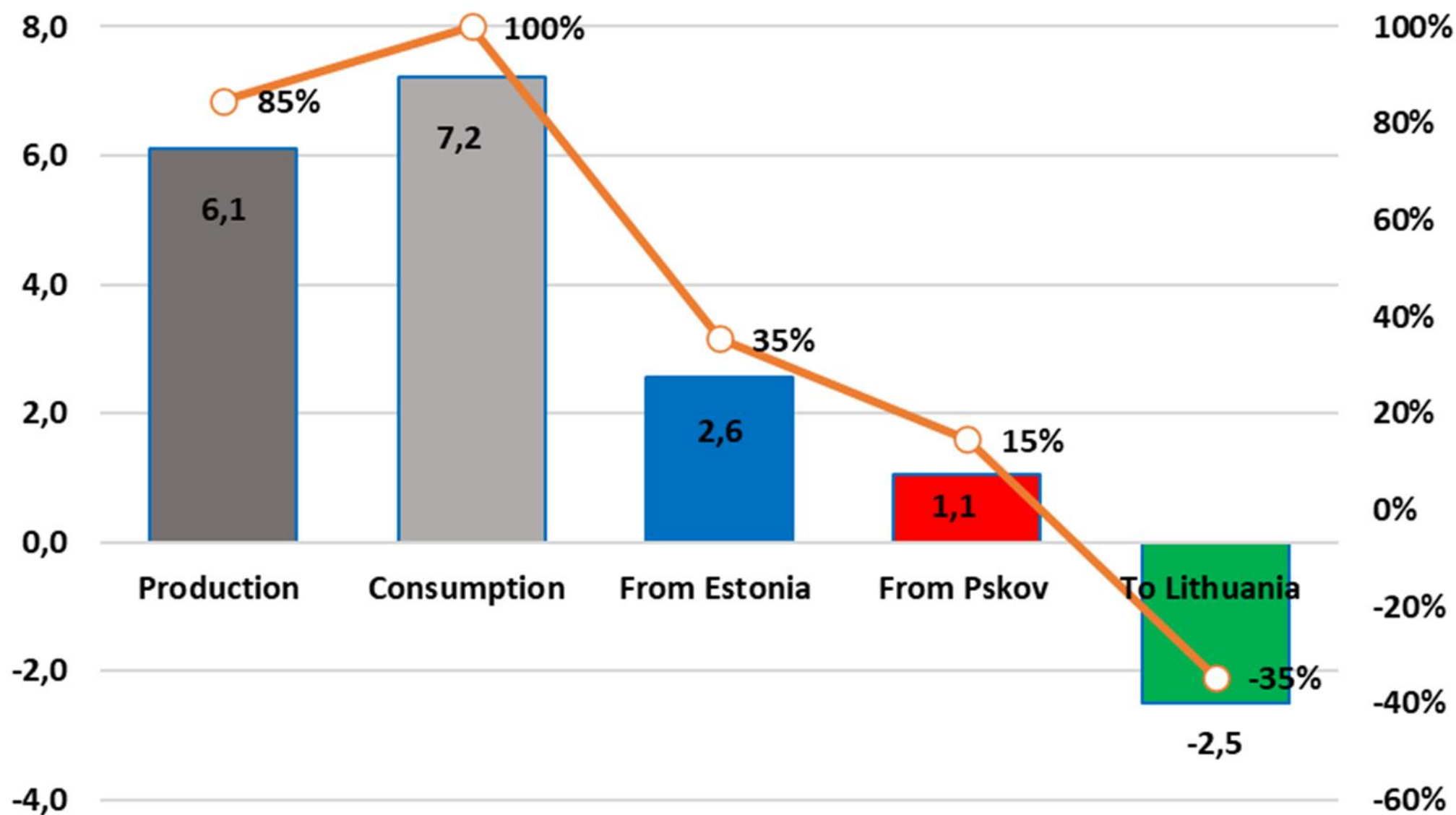
## Baltic resulting exchange 2019



Juris Ozolins  
Source: Nordpool

■ TWh    —○— % from consumption

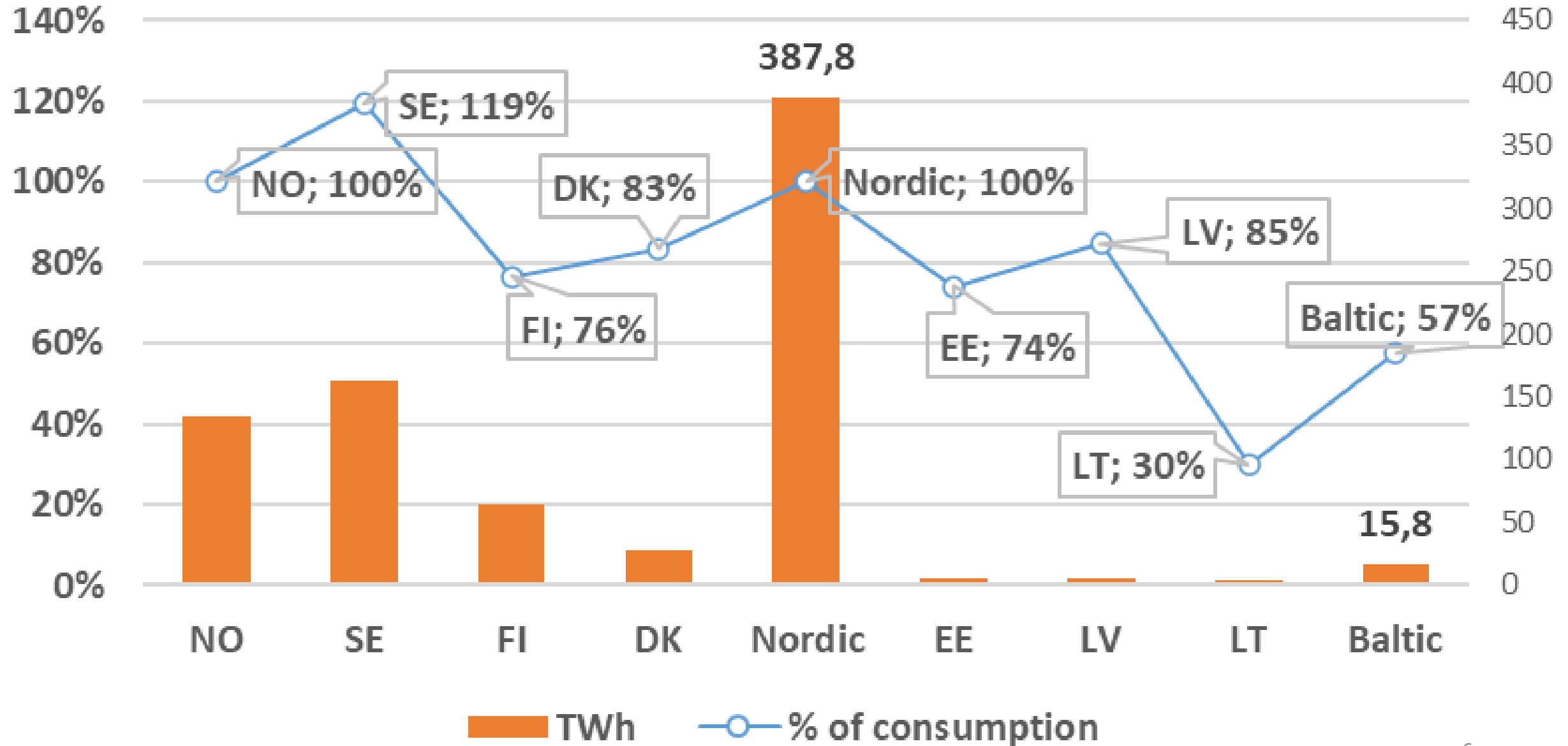
# Latvia resulting exchange 2019



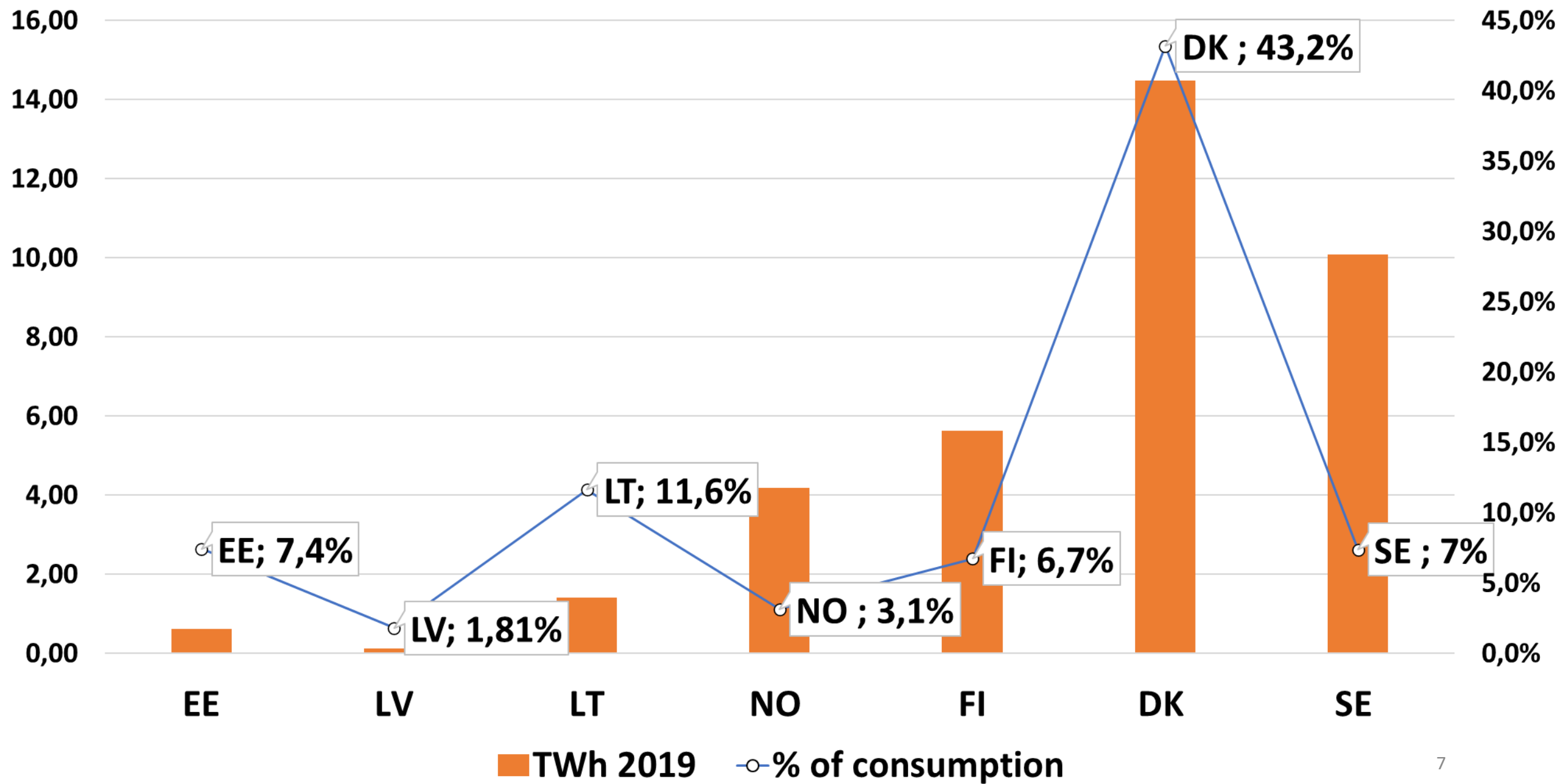
Juris Ozolins  
Source: Nordpool

■ TWh    —○— % from consumption

## Can Nordics balance Baltics 2019

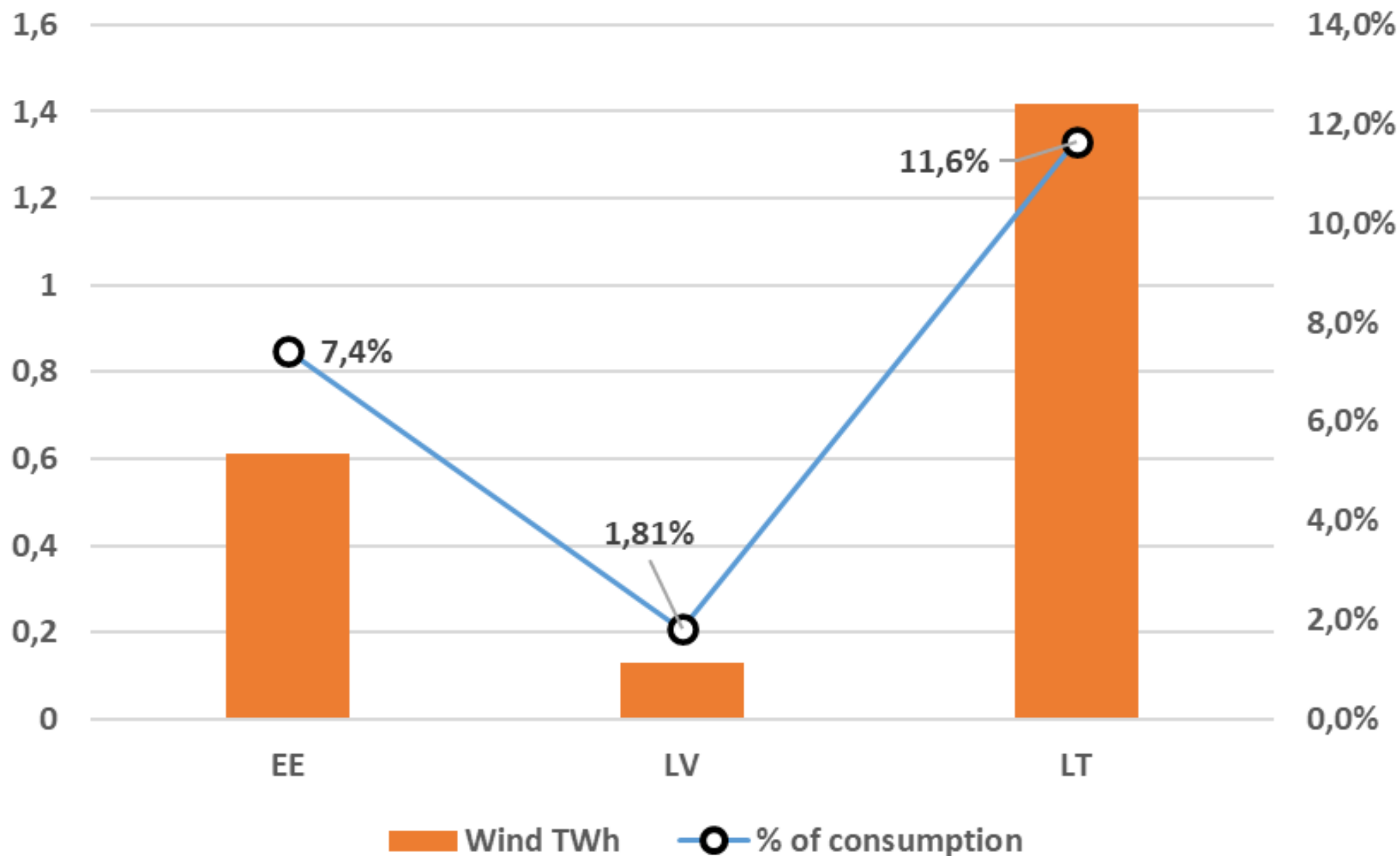


# Wind 2019





## Wind 2019





# **Estonian national energy and climate plan 2030**

**The share of renewable energy must be at least 42% of total summary final energy consumption by 2030:**

**Share of renewable energy in 2030 =16 TWh:**

- incl. renewable electricity 4.3 TWh (2018 = 1.8 TWh),**
- renewable heat 11TWh (2018 = 9.5TWh),**
- transport 0.7 TWh (2018 = 0.3 TWh)**

**Renewable energy support:**

**EN2 Support for investments in wind farms**

**EN5 Renewable energy support through underbidding (technology-neutral)**

**EN6 Renewable energy support through underbidding (technology-specific)**

# Estonian support for renewable electricity 2020

<b>Renewable electricity supported 2020 – 1 687 GWh</b>	<b>Fed in premium EUR/MWh sent to grid *</b>	<b>Mio EUR - 90,6</b>
<b>Municipal waste, peat CHP</b>	<b>30</b>	
<b>Wind</b>	<b>53,7</b>	<b>30</b>
<b>Biomass CHP</b>	<b>53,7</b>	<b>52,8</b>
<b>Solar, hydro</b>	<b>53,7</b>	

**\* If production started 31.12.2017 > 0,99 MW**  
**If production started 31.12.2018 > 0.05 < 0.5 MW**  
**If production started 31.12.2020 < 0.05 MW**  
**For 12 consequent years after commencement**

## **January 2020 amendmends to Electricity Market act - details on the upcoming technology-specific renewable tenders**

- **All technologies are eligible in the first round. Floating feed-in premium and subsidies are guaranteed for a 12-year period**
- **Participants will bid for a strike price, which is made up from the market price plus the premium**
- **Subject to the law amendment in parliament, the tender is currently open and the deadline for submissions in this auction round is 18 March 2020**
- **The units between 50kW and 1MW in size, with the aim of obtaining 5GWh of additional generation onto the market annually from 2021**
- **Bids in the first tender are capped at €53.70/MWh and the total subsidy plus market price is set at a maximum of €93.00/MWh**

**Source : Independent Commodity Intelligence Services.**

## **Electricity production from renewable energy sources in Lithuania is considered as public interest service.**

Lithuania seeks to increase the renewable electricity production share up to 45% by 2030 and to produce at least 5 TWh of renewable electricity by the year 2025.

In order to develop the renewable electricity generation capacities in a sustainable and balanced way, the state aid is provided under the rules and recommendations of the European Union.

The support model is based on the principles of transparency and affordability, which are laid out in the National energy independence strategy. Also the support scheme is based on the market model, meaning, that the electricity producers will be directly affected by the market changes.

The support will be allocated through the competitive bidding procedures (technology neutral auctions), priority will be given for the economically most efficient technologies available on the market.

The support will be paid for the producers in a form of market premium added to the day-ahead electricity market price.

## **AUCTIONS**

**The RES plant with installed capacity over 10 kW must to participate into the auction if it want to get a feed-in tariff.**

**The winner of the auction is that producer who has proposed the lowest preferred feed-tariff. If two or more auction's participants have submitted proposals with the same preferred tariff, the winner will be that producer who offered to build the bigger RES plant (bigger installed capacity).**

**The auctions are organized as long as there is a free promotion quota. The amount of promoted quota had been set by Lithuanian government:**

- 1. Wind energy:
  - a. Transmission system – 210 MW;**
  - b. Distribution system – 50 MW;****
- 2. Hydro energy – 14 MW;**
- 3. Biomass – 105 MW;**
- 4. Solar PV – 10 MW.**

# **Lithuanian technological neutral tender 2019 is closed and settled**

**At the auction committee meeting on 2019. As of December 20, 2009, potential Auction Winners (A1-7, A1-8 and A1-5) have been identified. 2020 January 7, (occurred)**

**At the auction committee meeting (Phase II), the potential winner of the auction was identified as A1-7, the proposed price premium is 0 Eur / MWh, and the full 0.3 TWh promotional quota was distributed. 2020 January 16 The winner of the Auction is scheduled to be announced at the forthcoming Council meeting.**