

Renewable energy in Lithuanian power sector.

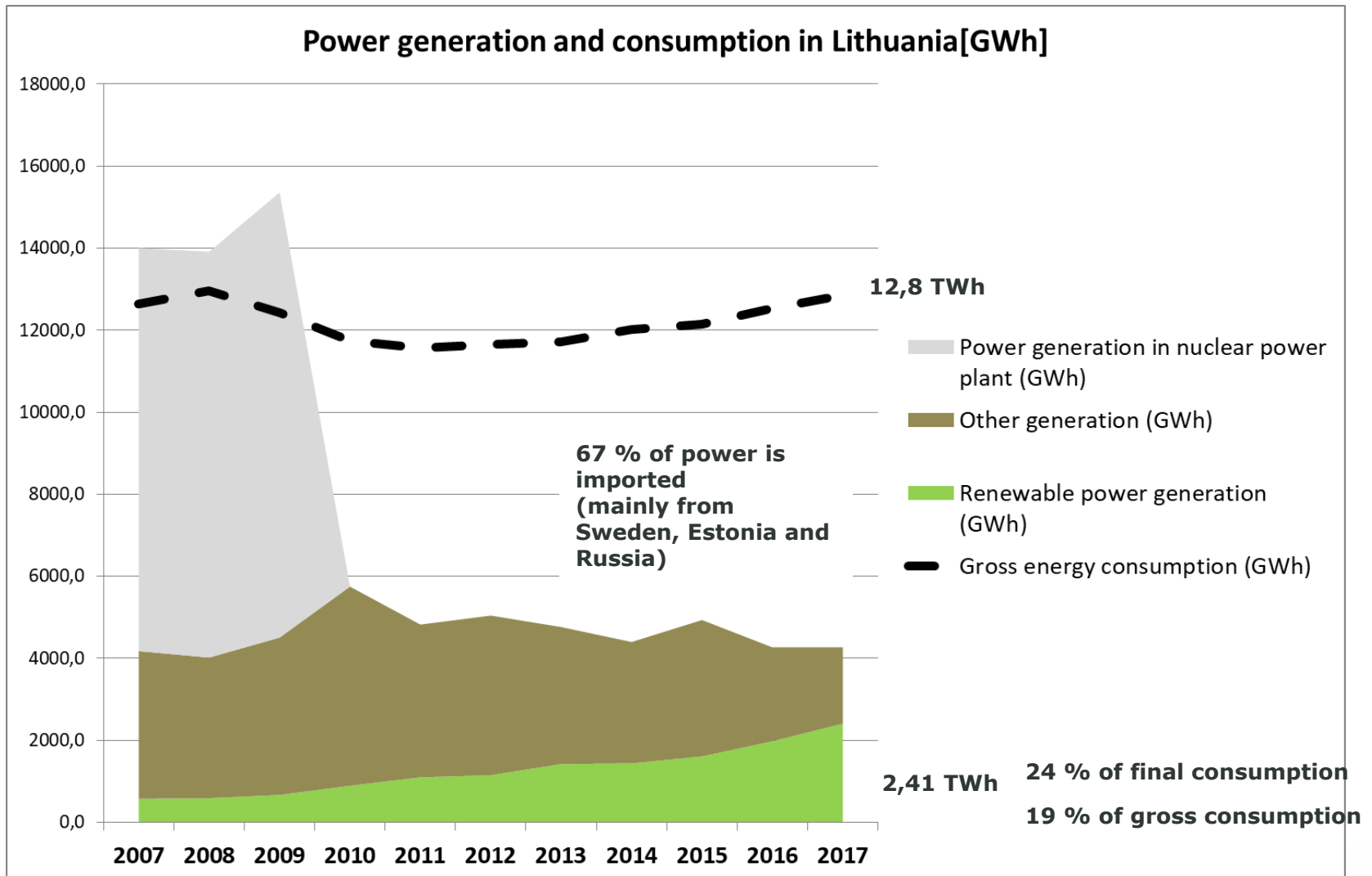
Past, current situation, future

Martynas Nagevičius

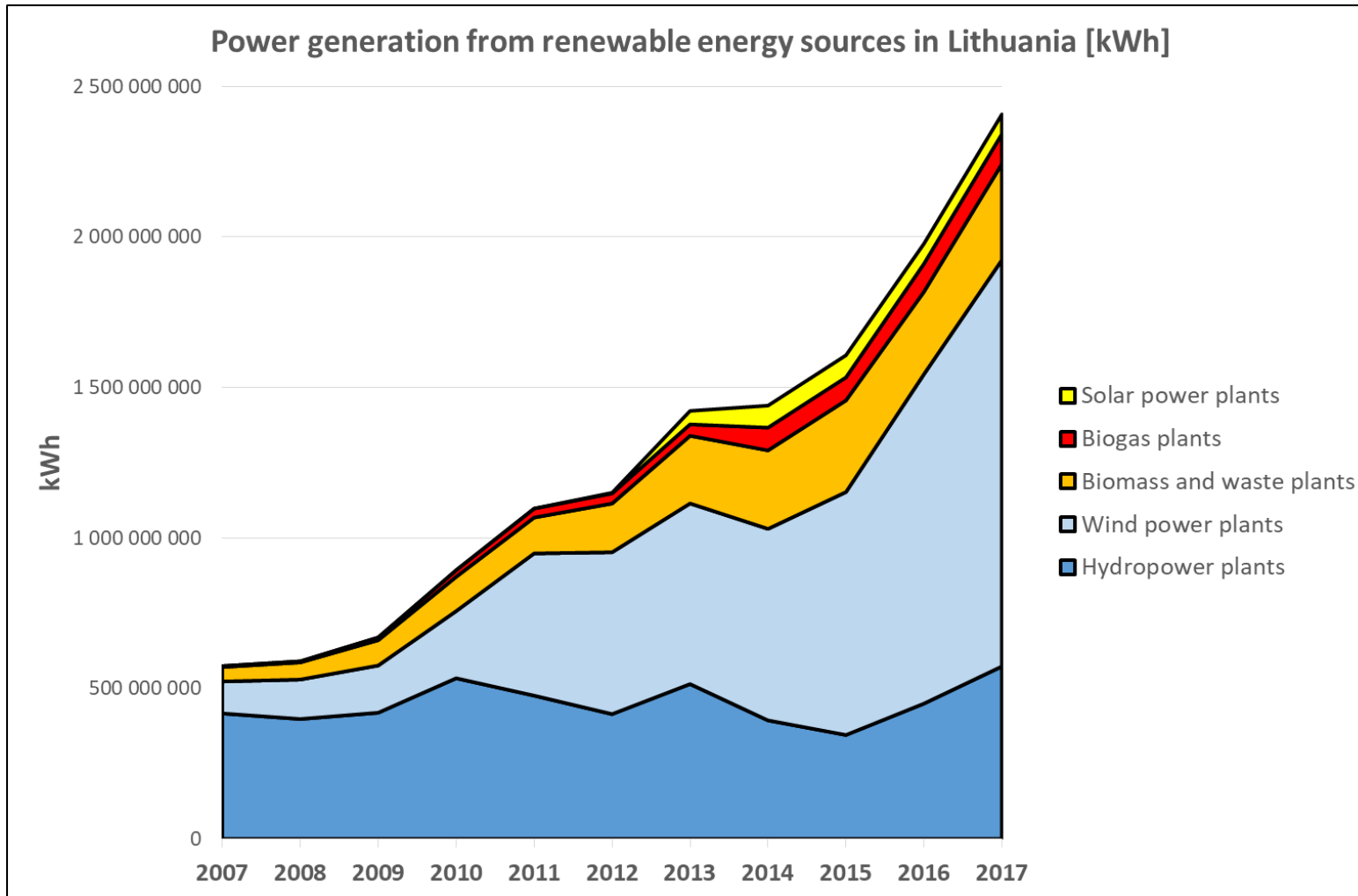
President of Lithuanian renewable energy confederation

martynas@nagevicius.lt +370 650 37654

Power generation and consumption in Lithuania

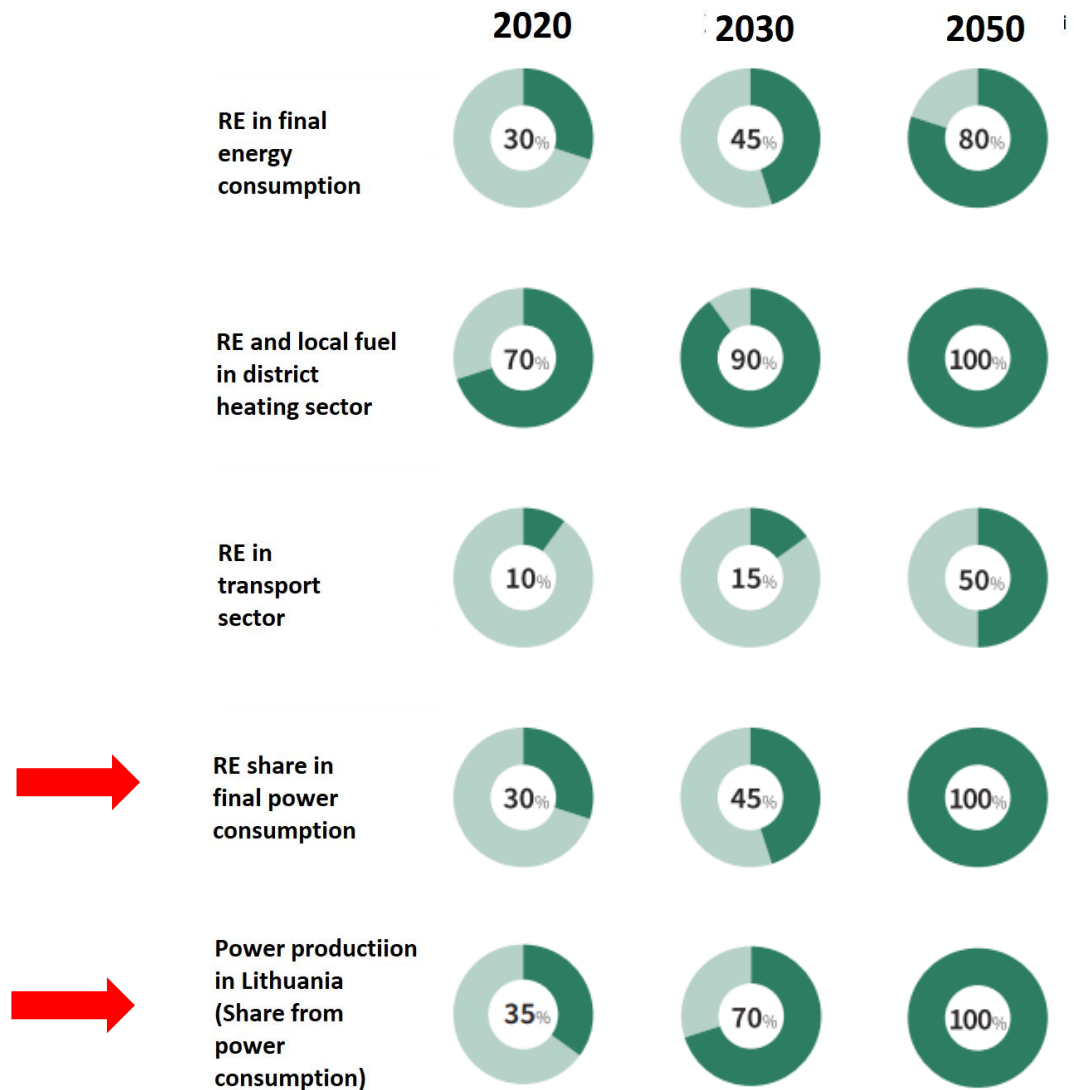


Generation of power from RES in Lithuania

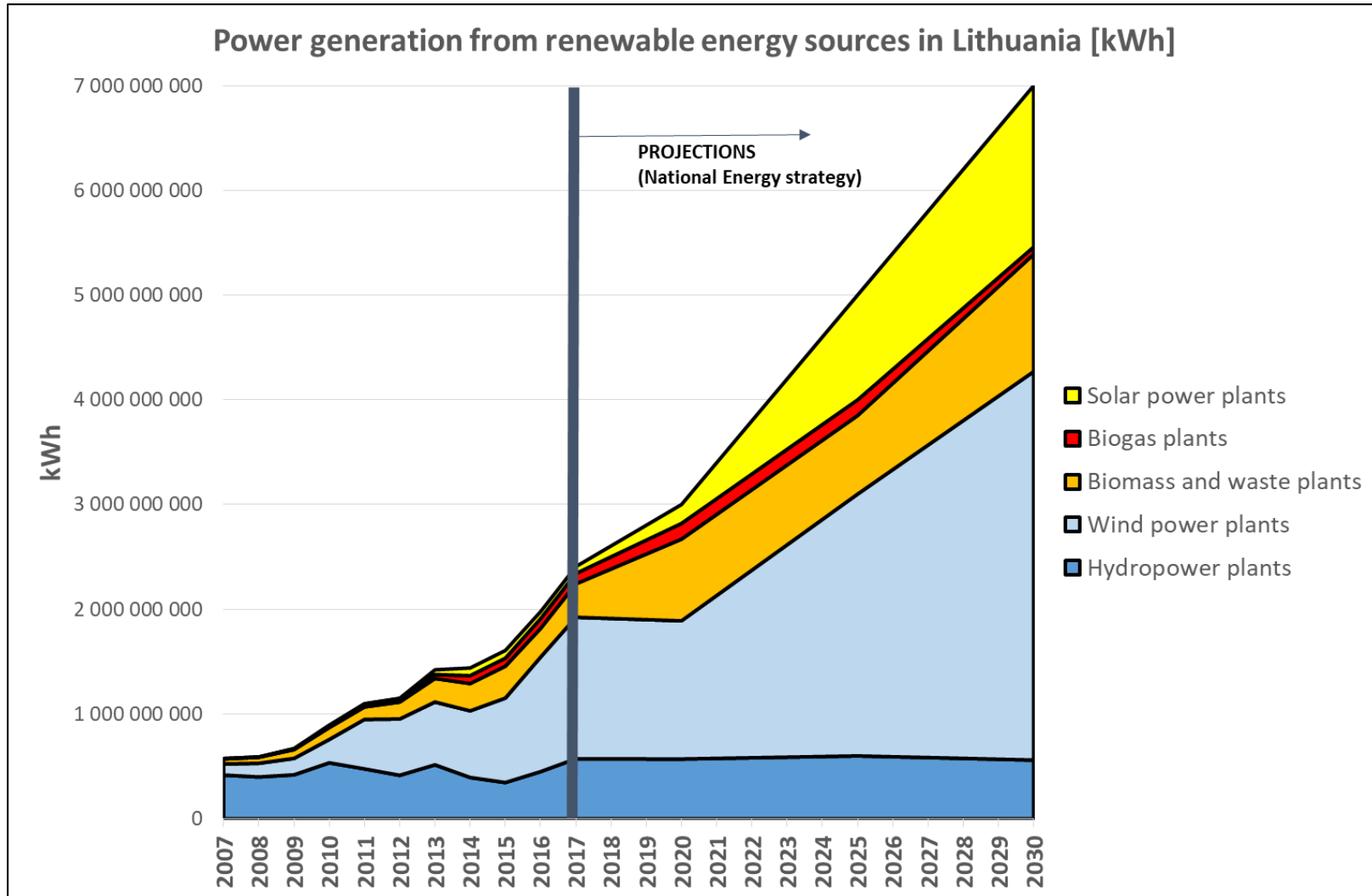


National Energy Strategy of Lithuania - Transition to renewable energy

- ✦ Improvement of energy efficiency
- ✦ Replacement more polluting fossil fuels with less polluting natural gas
- ✦ Renewable energy development

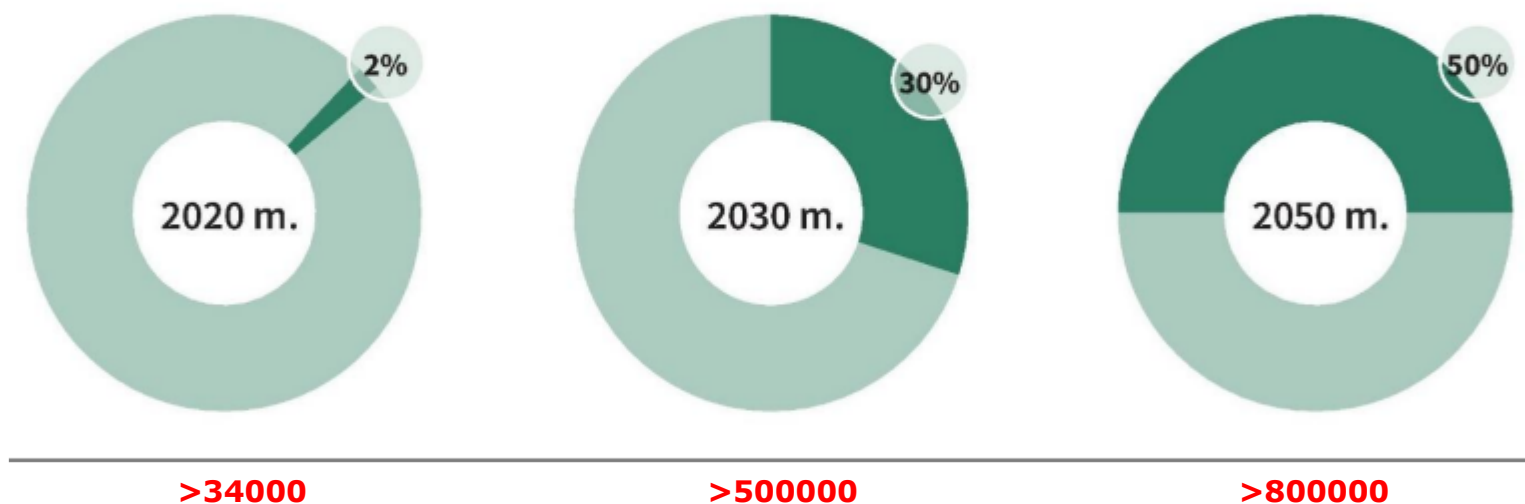


National Energy Strategy of Lithuania - Transition to renewable energy (III)



National Energy Strategy of Lithuania - Transition to renewable energy (II)

Number of prosumers (as a share of all electricity consumers)

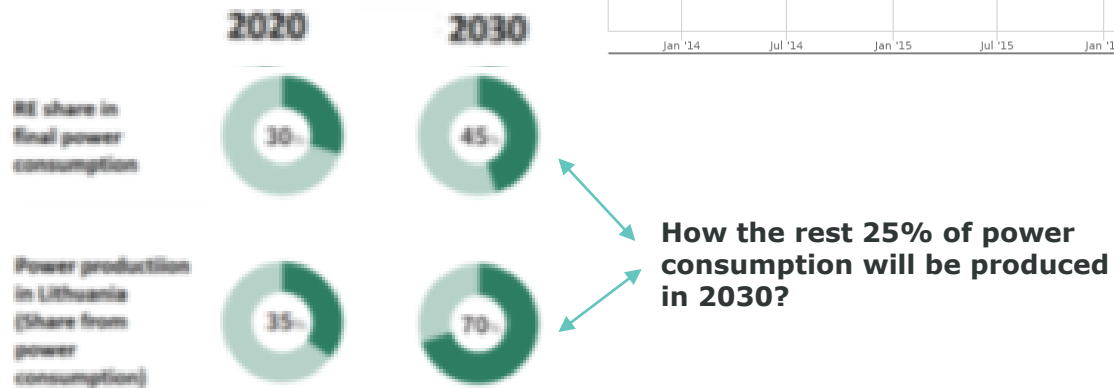


Main drivers

- **Power purchase support schemes**
(technology neutral tenders, based on market price + premium scheme with price ceilings and floors)
- **Increase of electricity retail prices**
- **Investment support for small and medium investors**
- **Separate support scheme for renewable energy communities**
- **PPA-s**
- **EU ETS**
- **Technology development**

Forecasted investment (2018-2030)

	Installed capacity 2018-2030 (MW)	Investment (mln. euro)
Waste incineration	43	290
Biomass CHP	140	450
Solar	1500	1350
Biogas	10	10
Wind	700	700
TOTAL:	2354	2800





Thank you for your attention!

Martynas Nagevičius
+370 650 37654
martynas@nagevicius.lt