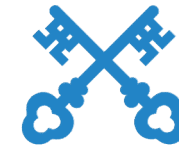

TORONTO CLEAN ENERGY
PARTNERSHIP



REAA

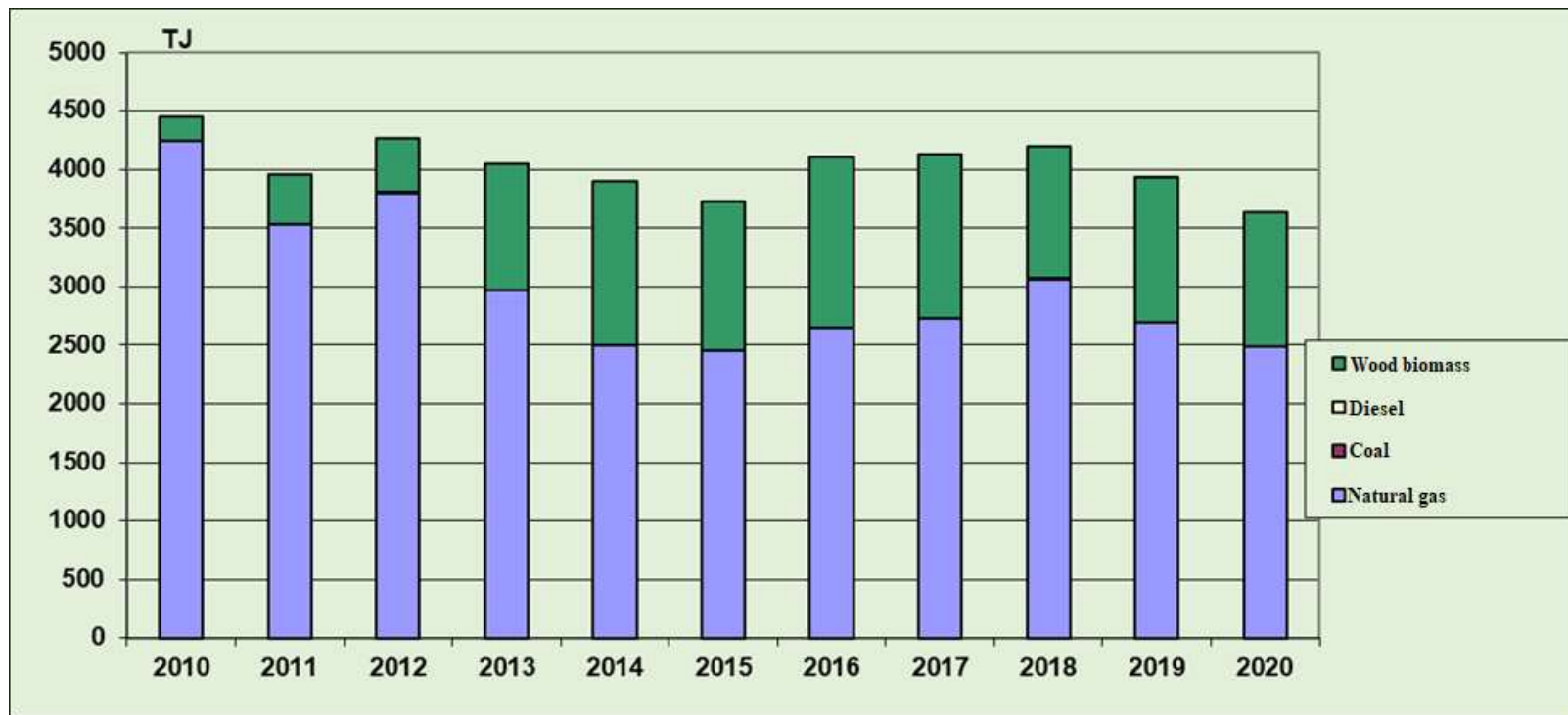
RĪGAS ENERĢĒTIKAS AĢENTŪRA

Virtual Tuesdays with Central and Eastern Europe - Market
Focus: Latvia

Jānis Ikaunieks | Riga energy agency

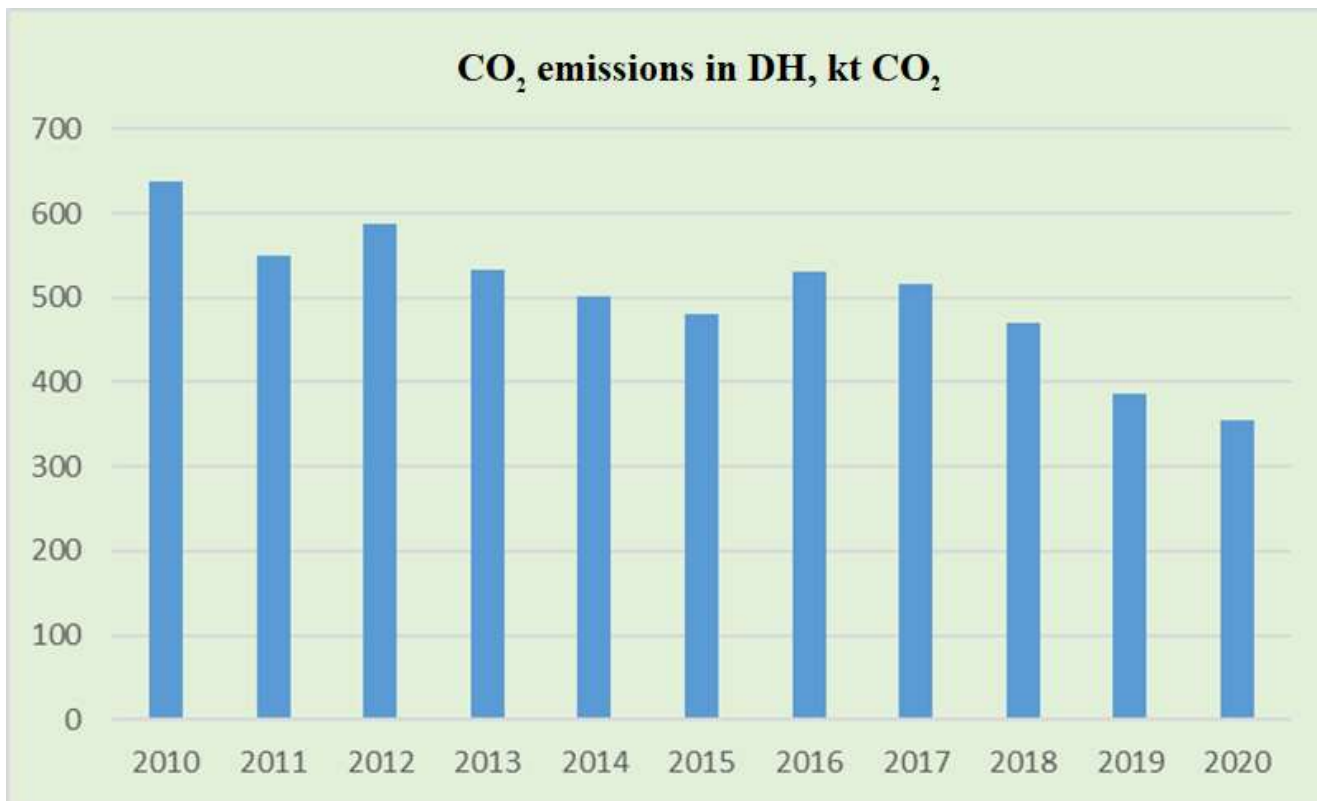
25.05.2021.

FUEL COMPOSITION IN DH



Fuel structure in JSC "Rīgas Siltums" heat production sources, TJ

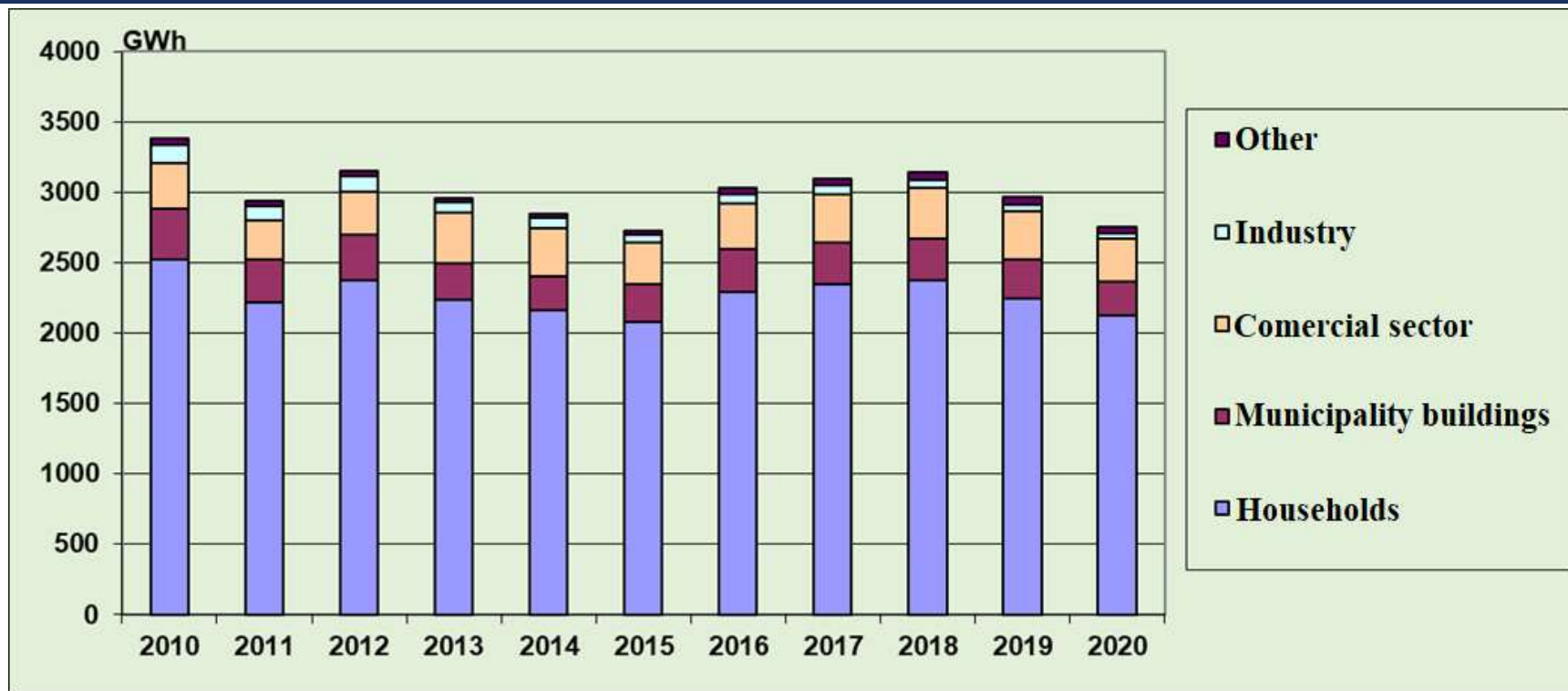
SEAP-2020 RESULTS: DISTRICT HEATING



CO₂ emissions from district heating from 2010 to 2020:

44% CO₂ emission reduction in 2020 compared with 2010

HEAT CONSUMPTION



Heat energy consumption in the district heating system in Riga 2010 - 2020, GWh

DECENTRALIZED HEATING

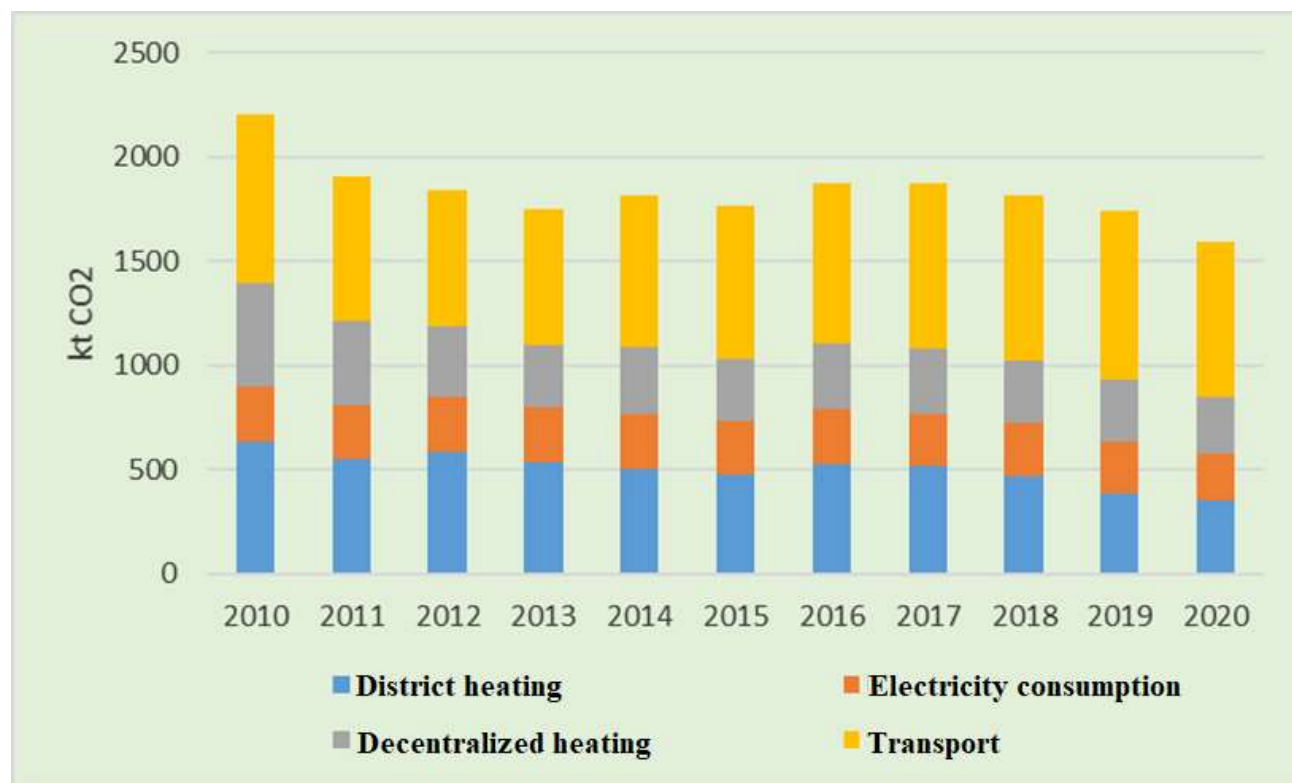


Fuel structure in Decentralized heating in Riga 2014-2020, TJ

SEAP-2020 RESULTS : ALL SECTORS

Total CO₂ emissions in Riga by sectors 2010-2020:

Calculated CO₂ emissions in 2020 are **27%** lower than in 2010



CHALLENGES

- **Transport sector** contributes to 46,5% of total CO₂ emissions in Riga city in 2020. The challenge is to reduce emissions although the vehicle mount on streets increases every year.
- Riga city has been struggling in improving the **housing sector energy efficiency** and energy poverty. It is estimated that there are about 6000 buildings in need of deep renovation.
- Although the share of renewable energy sources in city centralized heating system in 2020 was 31,8%, there is a need for **zero emission technologies in heat supply**.





THANK YOU!