

Can Cycling Save us from the Climate Change?



On the Stage

Stella Aaltonen, City of Turku

Virpi Ansio, Finnish Transport and Communications Agency

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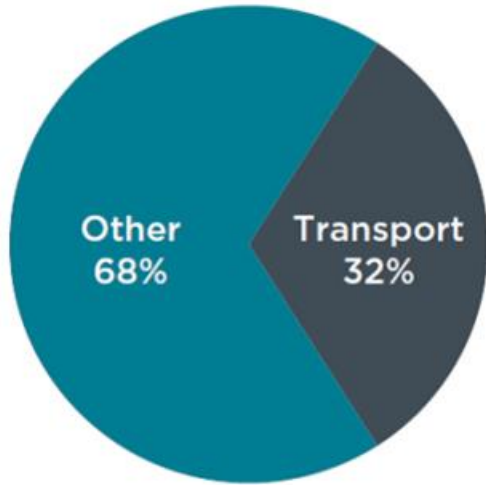
Herbert Tiemens, City of Utrecht

Hosted by: Matti Hirvonen, Network of Finnish Cycling Municipalities

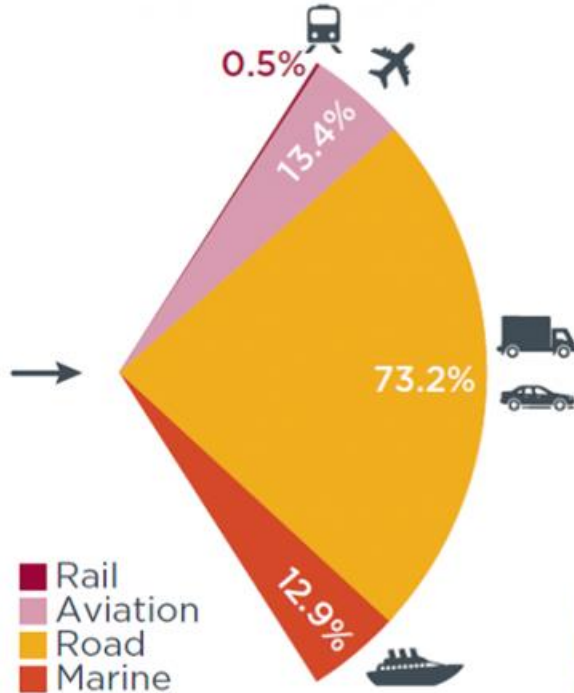


Emissions in EU, 2015

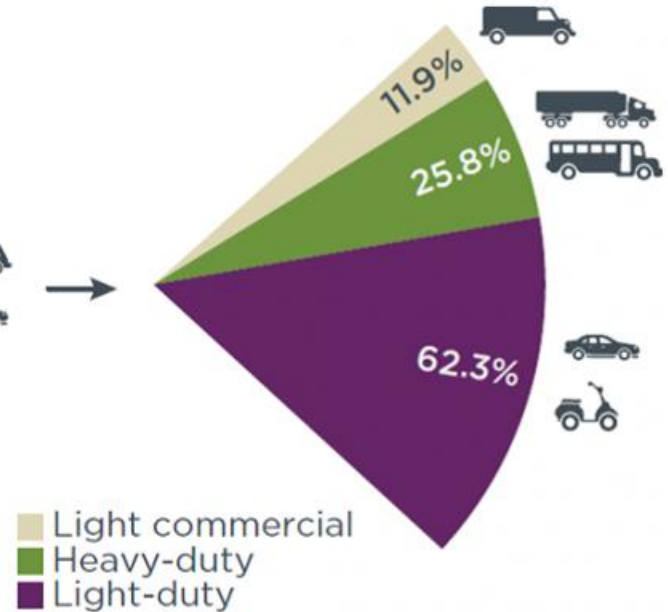
EU-28 CO₂ emissions
≈ 3.64GtCO₂



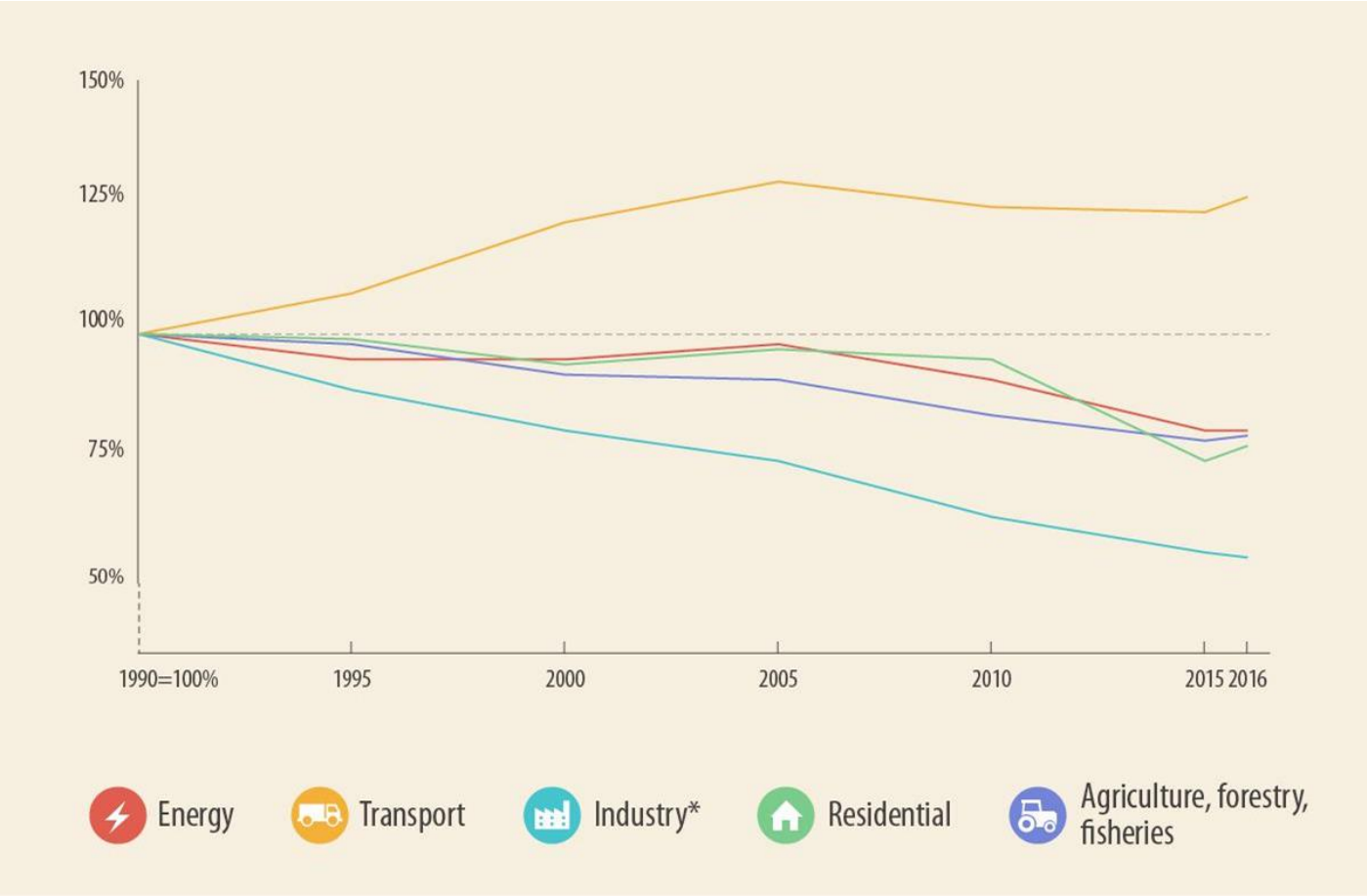
Transport CO₂ emissions
≈ 1.17GtCO₂



Road transport CO₂ emissions
≈ 0.85 GtCO₂

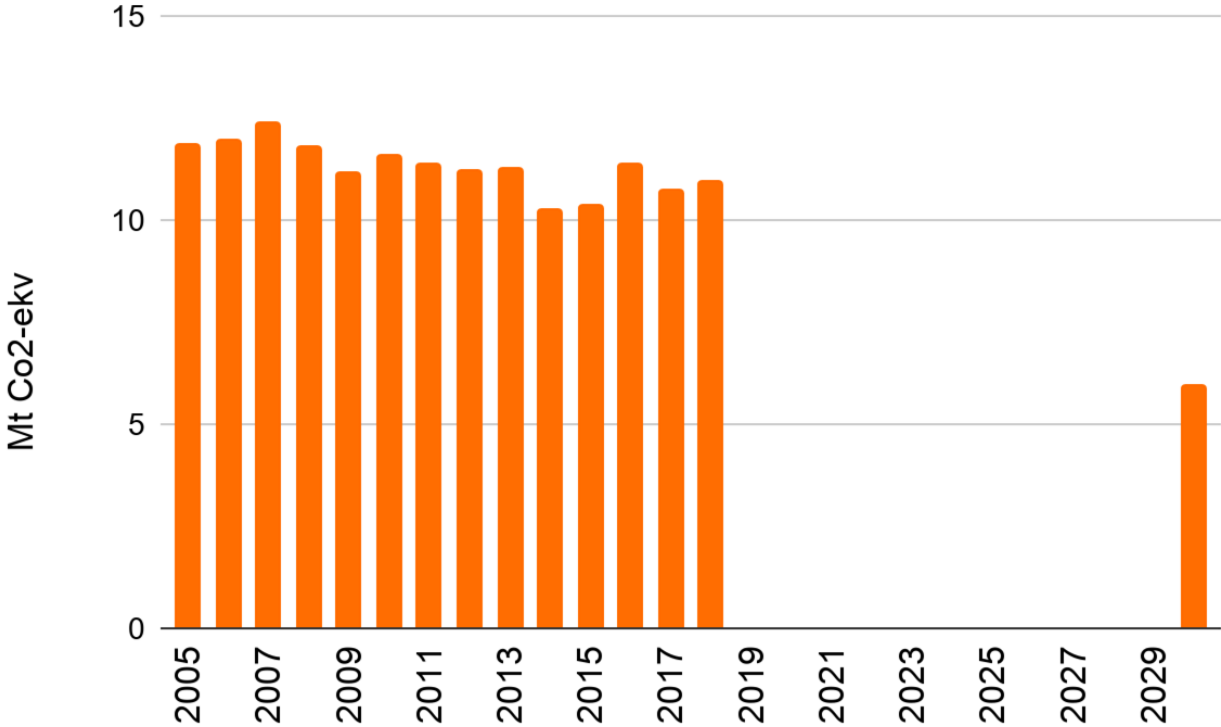


Evolution of CO2 Emissions by Sector in EU



Source: [European Environment Agency](#)

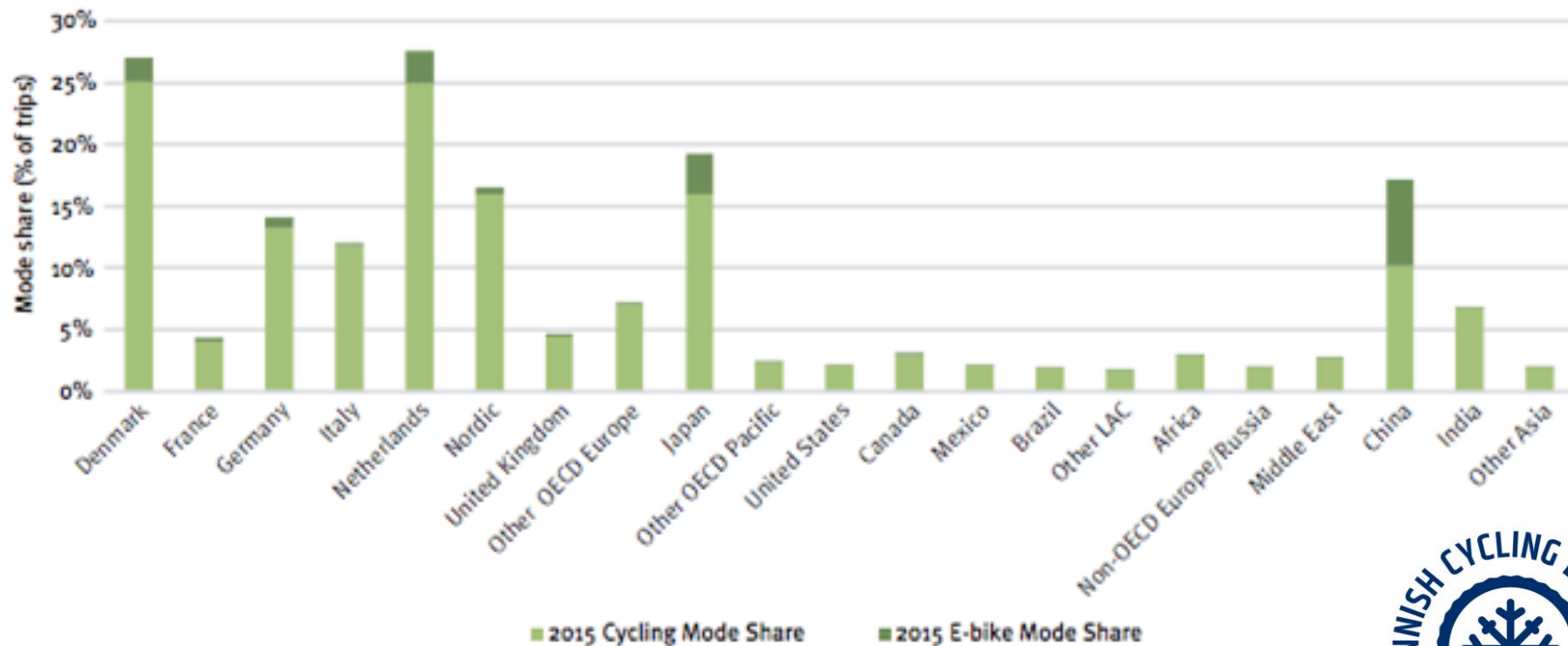
Emissions of Traffic in Finland



**Goal for 2030
-50 %**



Cycling Mode Shares



Source: [Institute for Transport and Development Studies](#).



A Global High Shift Cycling Scenario (2015)

- Globally 6% of all urban passenger miles are now done by bicycle
- Potential:
 - 2030: If 11 % would be done by bicycle: 7 % of urban transport emission would be cut
 - 2050: If 14 % would be done by bicycle: 14 % of urban transport emission would be cut

[Source: Institute for Transport and Development Studies.](#)



