

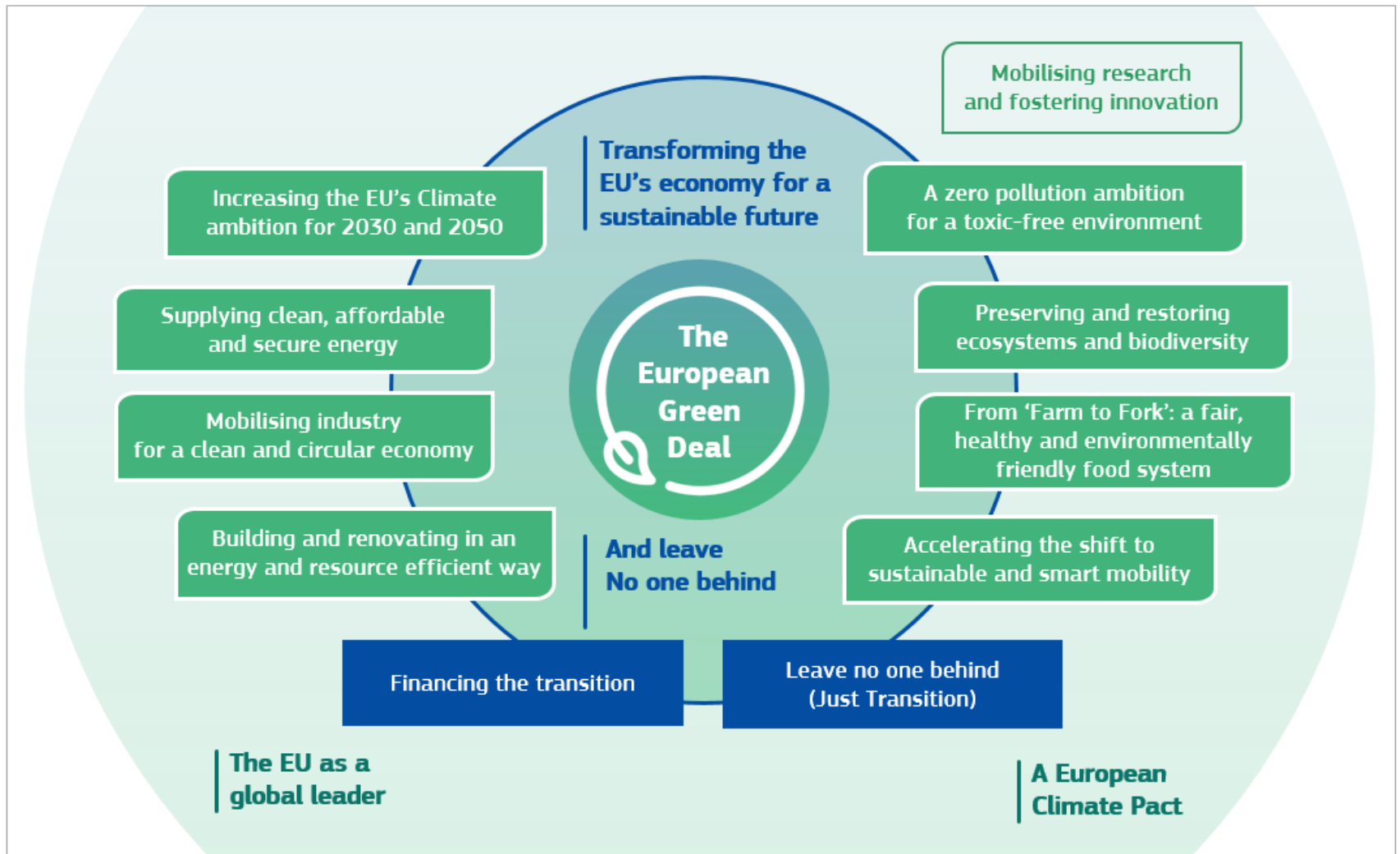


# EPR and Micro plastics

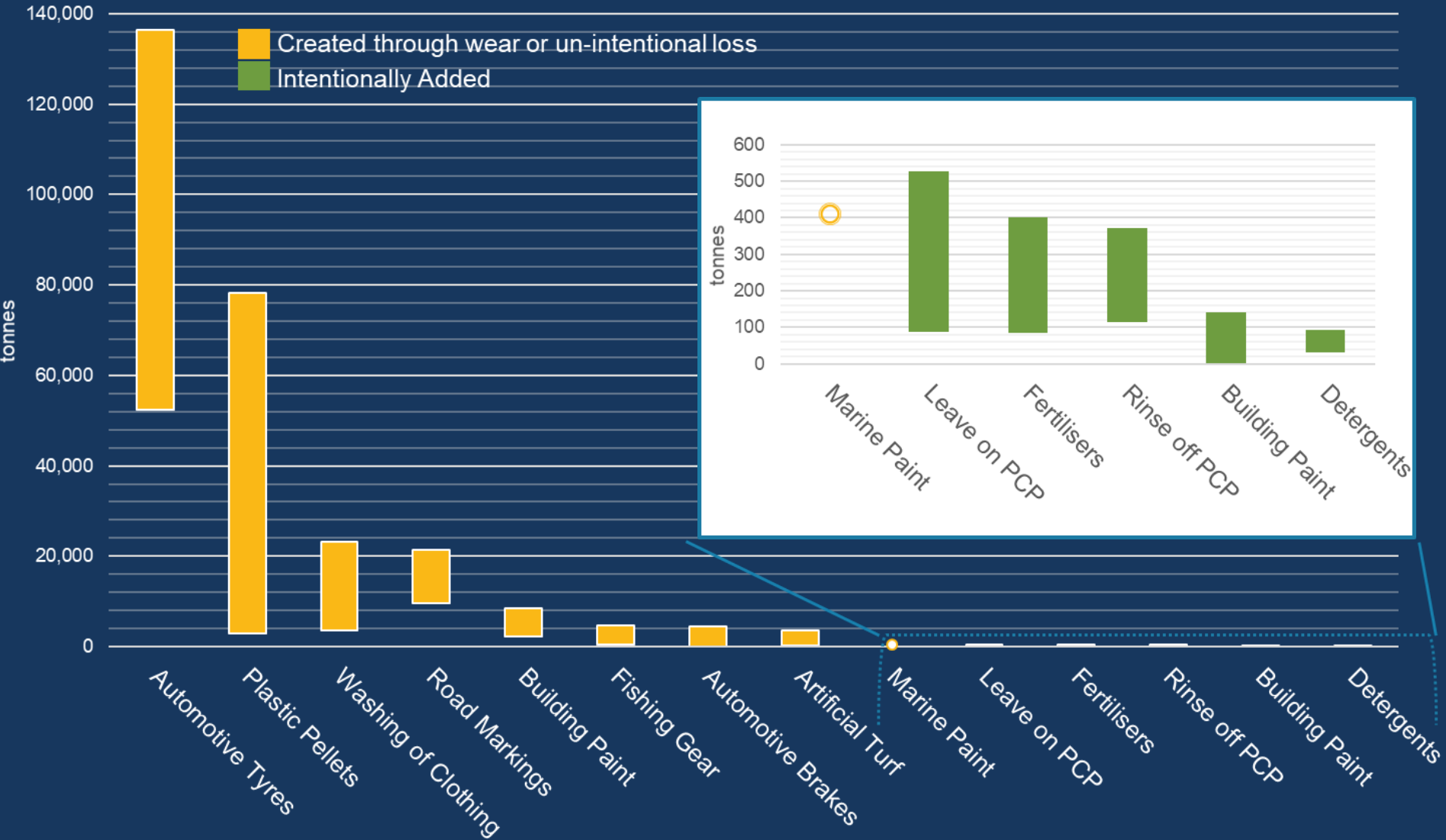
Michel Sponar, European Commission  
Directorate General Environment



# The European Green Deal



# Microplastic



# Microplastics



Cosmetics,  
detergents, paints,  
Oxo plastics

- Towards general ban
- REACH



Tyres, Textiles

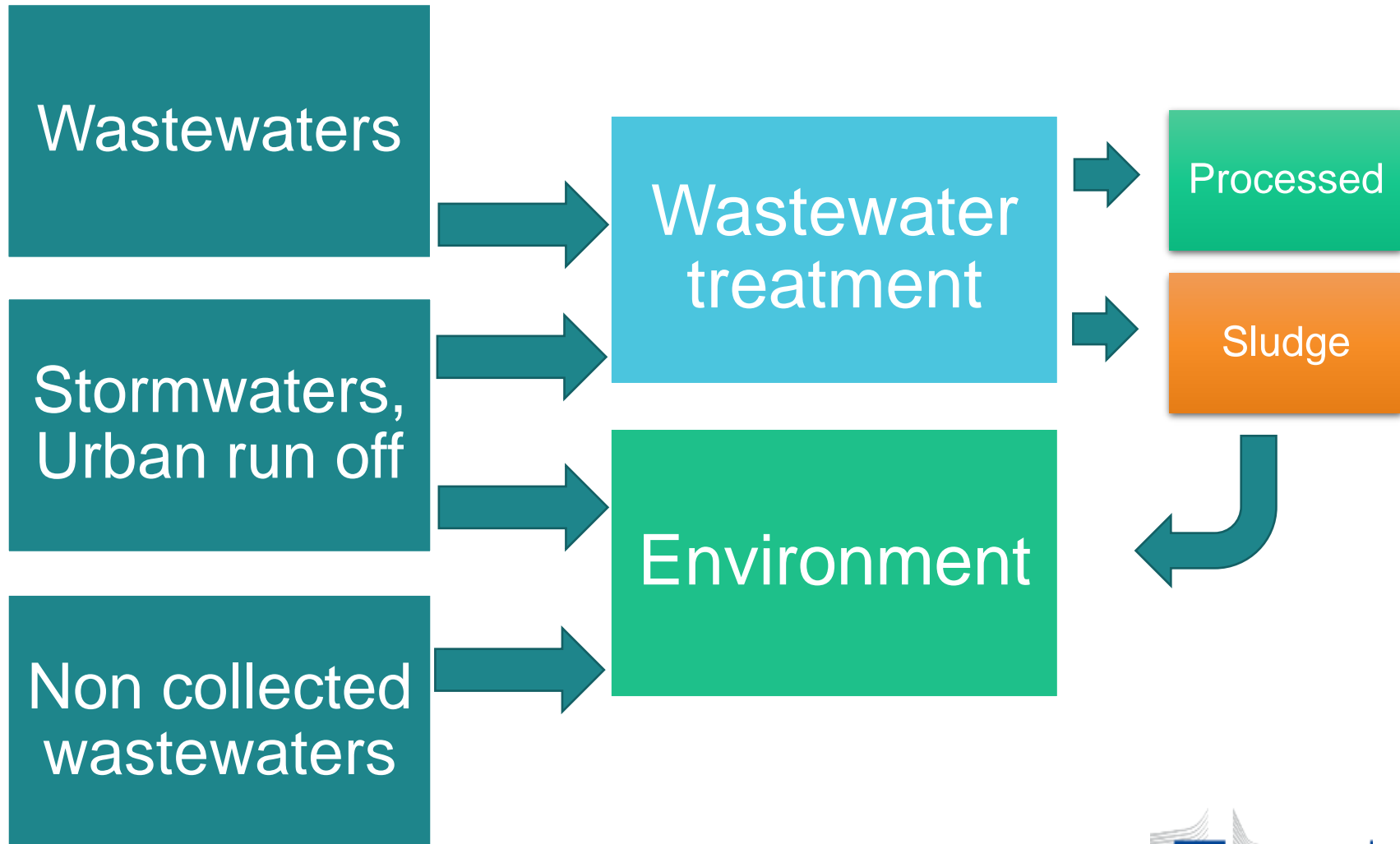
- Harmonization
- Labelling, minimum requirements
- Integrated approach for textiles



Plastic pellets

- Chain certification
- Permitting

# Pathways



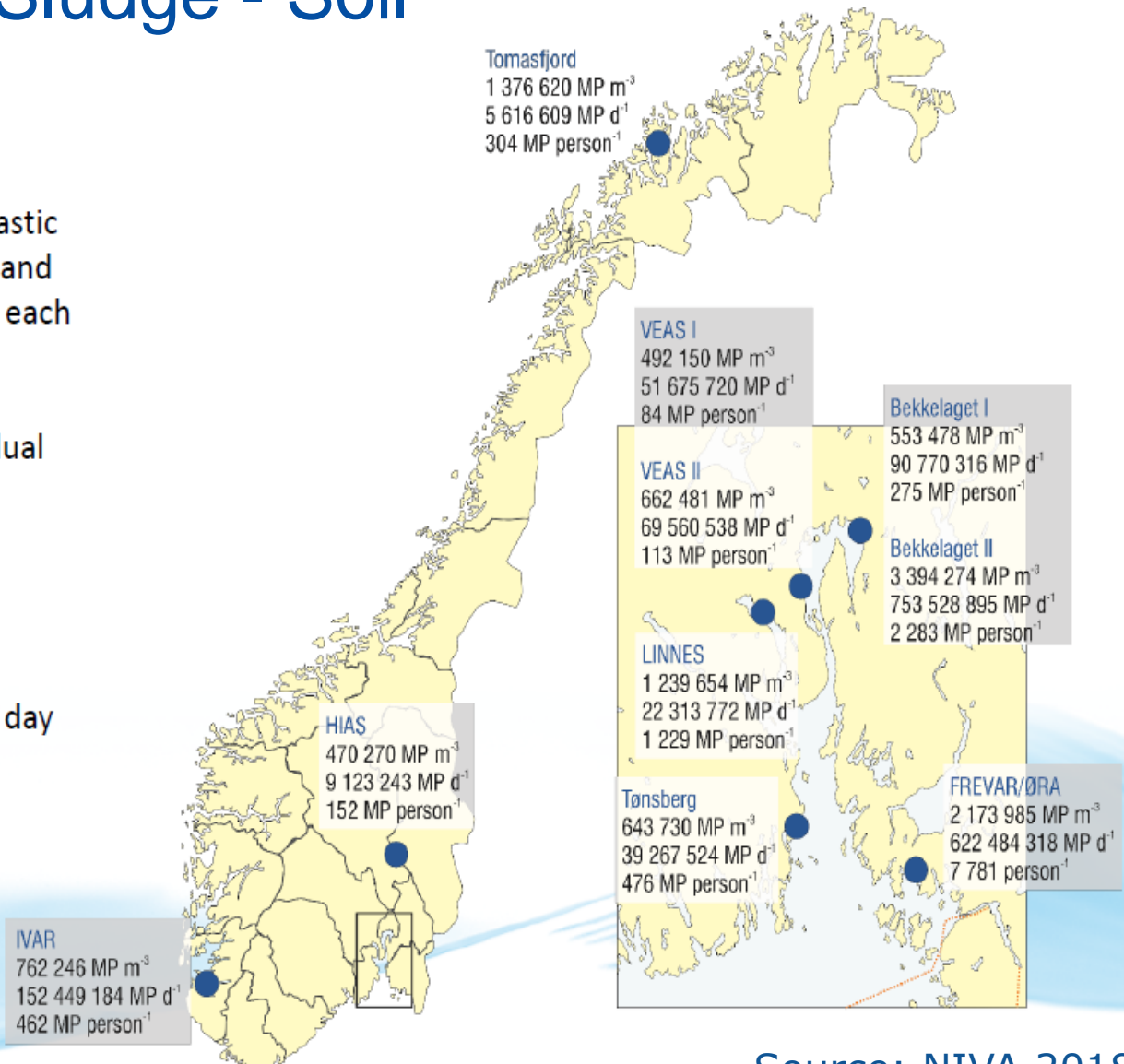


# Microplastics – Sludge - Soil

Based on this snapshot:

- On average, 181 679 012 microplastic particles captured by one WWTP and transferred into the sludge phase each day
- On average, 1316 MPs per individual per day (median: 383)
- Extrapolated to Norwegian population:

Approx. 6.8 billion microplastics per day



Source: NIVA 2018

# EPR Challenges

- Feasibility – Acceptability
- Quantification of what is placed on the market
- Quantification of the releases /pathways
- Identification of associated costs
- Allocation of the costs

# Conclusions

- Priority – action at source
- Review of the UWWTD will help
- Affordability & Budget availability
- EPR – promising avenue but challenging today



Thank you for your attention!



[http://ec.europa.eu/environment/marine/good-environmental-status/descriptor-10/index\\_en.htm](http://ec.europa.eu/environment/marine/good-environmental-status/descriptor-10/index_en.htm)