

ZERO TERRAIN AND CIRCULAR ECONOMY OPPORTUNITIES

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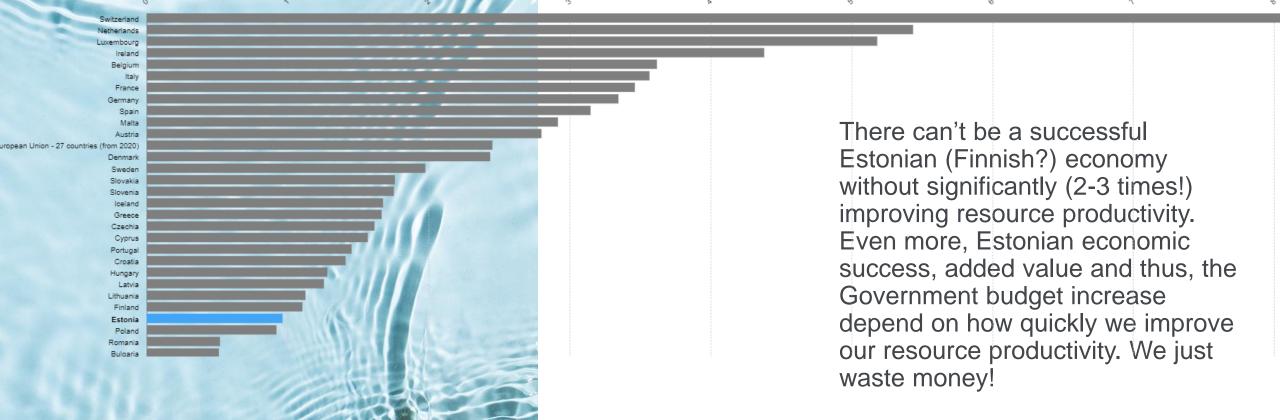


WHY ZERO TERRAIN?

- Zero Terrain is a build-it-anywhere pumped-hydro storage (PHS) technology that provides renewable baseload to consumers and supports the grid.
- We reduce energy bills by providing clean, affordable and secure power to our consumers when there is no sun and wind
- We support TSOs by reducing their investment needs and taking care of the fastramping needs
- We support Governments in maintaining their energy transition and decarbonisation goals
- We support power producers by improving their Capture Prices
- We improve resource productivity by promoting circular economy principles in road construction and valuing biodiversity



RESOURCE PRODUCTIVITY STATISTICS





WHY DO WE TALK ABOUT ROAD CONSTRUCTION?



-Taaskasutuse ulatust taristuehituses ei hinnata.

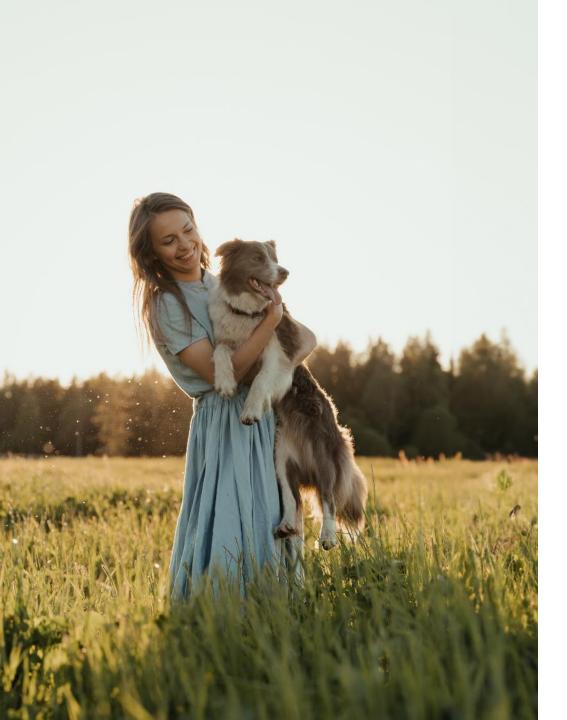
- Ei ole välja selgitatud alternatiivsete ehitusmaterjalide ja/või imporditavate ehitusmaavarade kasutamise tegelikku rahalist mõju riigi taristuobjektide kogumaksumustele
 - Puuduvad hüvitised KOVidele ja kohalikele elanikele ehitusmaavarade kaevandamisega tekitatavate häiringute talumise eest
- + Uurida täiendavalt uudsete lahenduste kasutusele võtmise võimalusi teeehituses, et suurendada maavarade varustuskindlust ja vähendada ehitusmaavarade kaevandamist.

From evaluating the project's costs, we need to move to evaluating the total costs of the life cycle - this is how we save public money!

ANY PROOF?









HOW DOES ZERO TERRAIN PROMOTE A CIRCULAR ECONOMY?

- ✓ We'll make the 300mEUR investment just to introduce a new natural resource – 40 mill tons of high-quality aggregates from the construction of the Paldiski PHS in 2028-2038
- ✓ We promote using underground infrastructure for other purposes seasonal storage, civil protection and most likely... high-quality crystalline bedrock aggregates production for long period
- ✓ We build construction materials industry to Paldiski
- ✓ We promote the "Paldiski the Baltic Sea Industrial Hub" concept
- ✓ We believe that the construction sector as one of the least valueadded sectors globally will experience a significant transformation in the years to come
- ✓ We believe that a clean, decarbonized and resource-efficient business model is the only way to be competitive





MAINTAINING BIODIVERSITY IS ALL ABOUT THE ECONOMY!

In the World where:

- ✓ Every individual interacts with thousands of other species within its lifetime
- ✓ The human population has more than tripled since 1950, and human impacts on the environment have enormously accelerated (in 2020, global human-made mass exceeded all living biomass)

and

- ✓ Natural capital is the engine of the economy
- ✓ The degradation of natural capital can cause annual economic losses of up to 2,7 trillion USD by 2030

We need to consider:

- ✓ Loss of land, soil and eroded chemical elements,
- Cost of water management and buffering and
- ✓ Value of the natural and living environment when making strategic social decisions by Governments.

Valuing the monetary value of biodiversity is challenging because of human's limitation, not because of the insignificance of biodiversity





FROM SLOGANS TO DEEDS-ACTIONS ARE NEEDED



 Public sector and private sector cooperation to improve resource productivity and introduce circular economy principles



Introducing circular economy principles in public procurements today!

The budgets of the Governments that implement circular economy principles will increase, while those that don't will decrease!



UNOBSTRUCTED FUTURE

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