



Water Footprint and its potential to support achieving the SDGs

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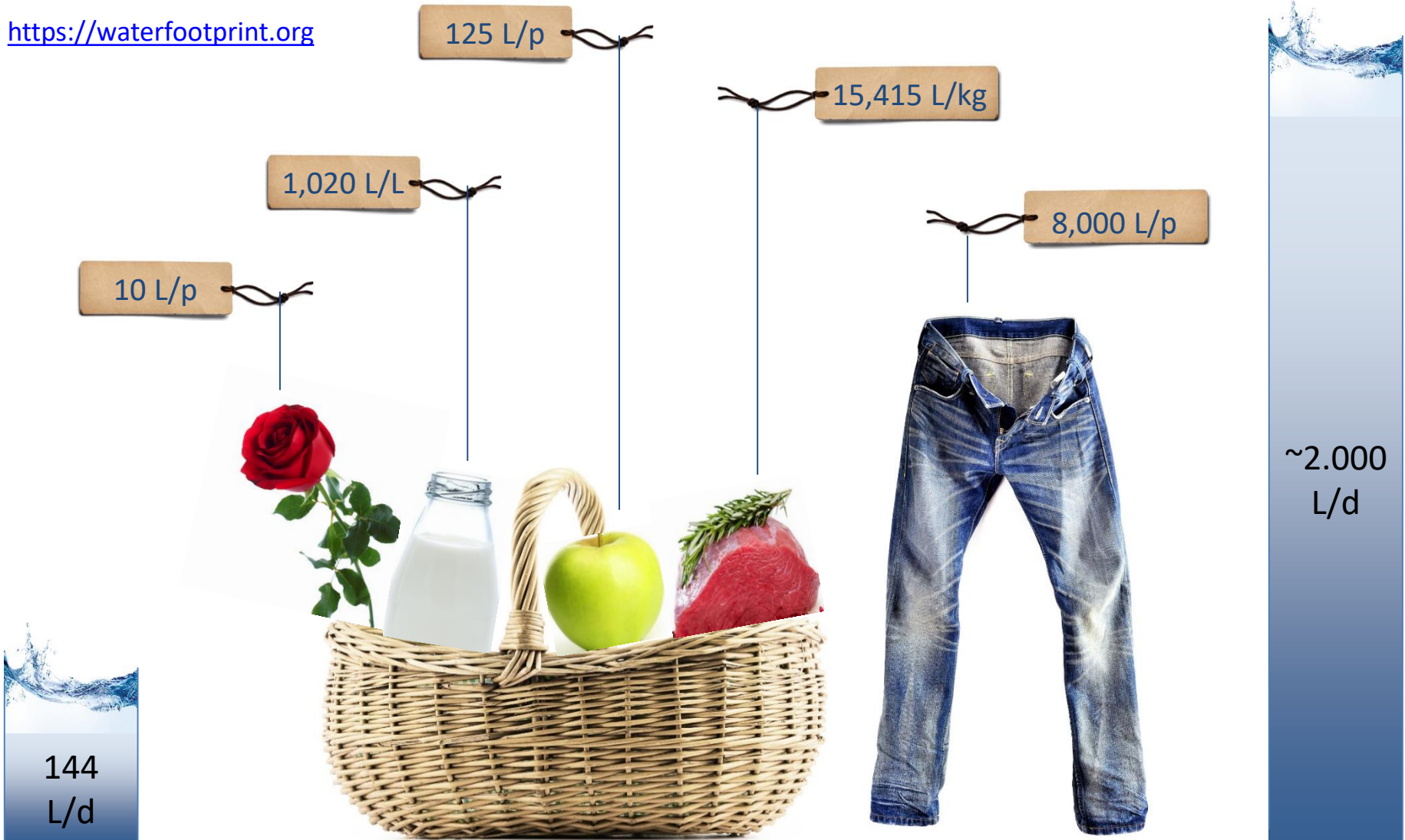
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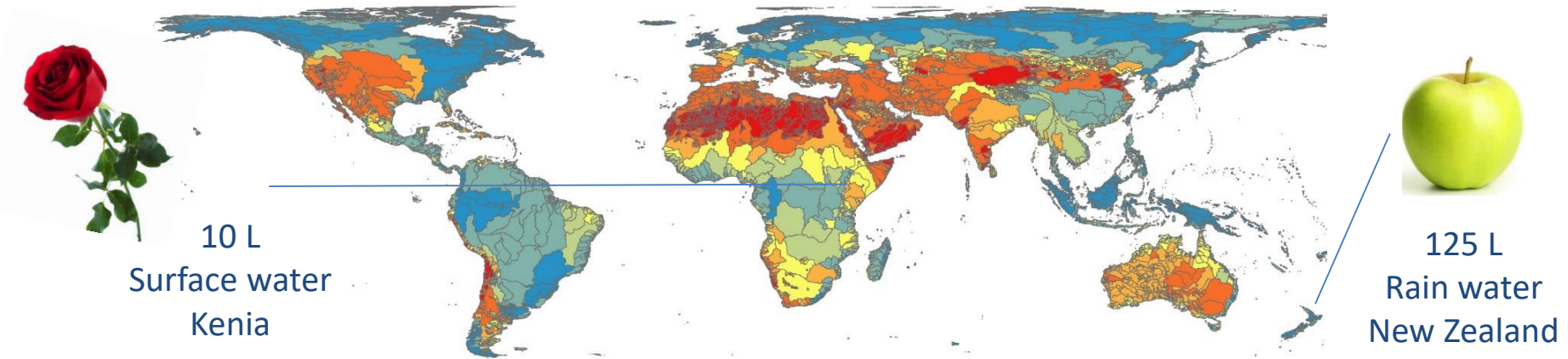
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How much water do we need every day?

<https://waterfootprint.org>



Is that a problem? From liters to impacts...



“A water footprint assessment addresses the **potential environmental impacts** related to water associated with a product, process or organization.”

The water footprint toolbox

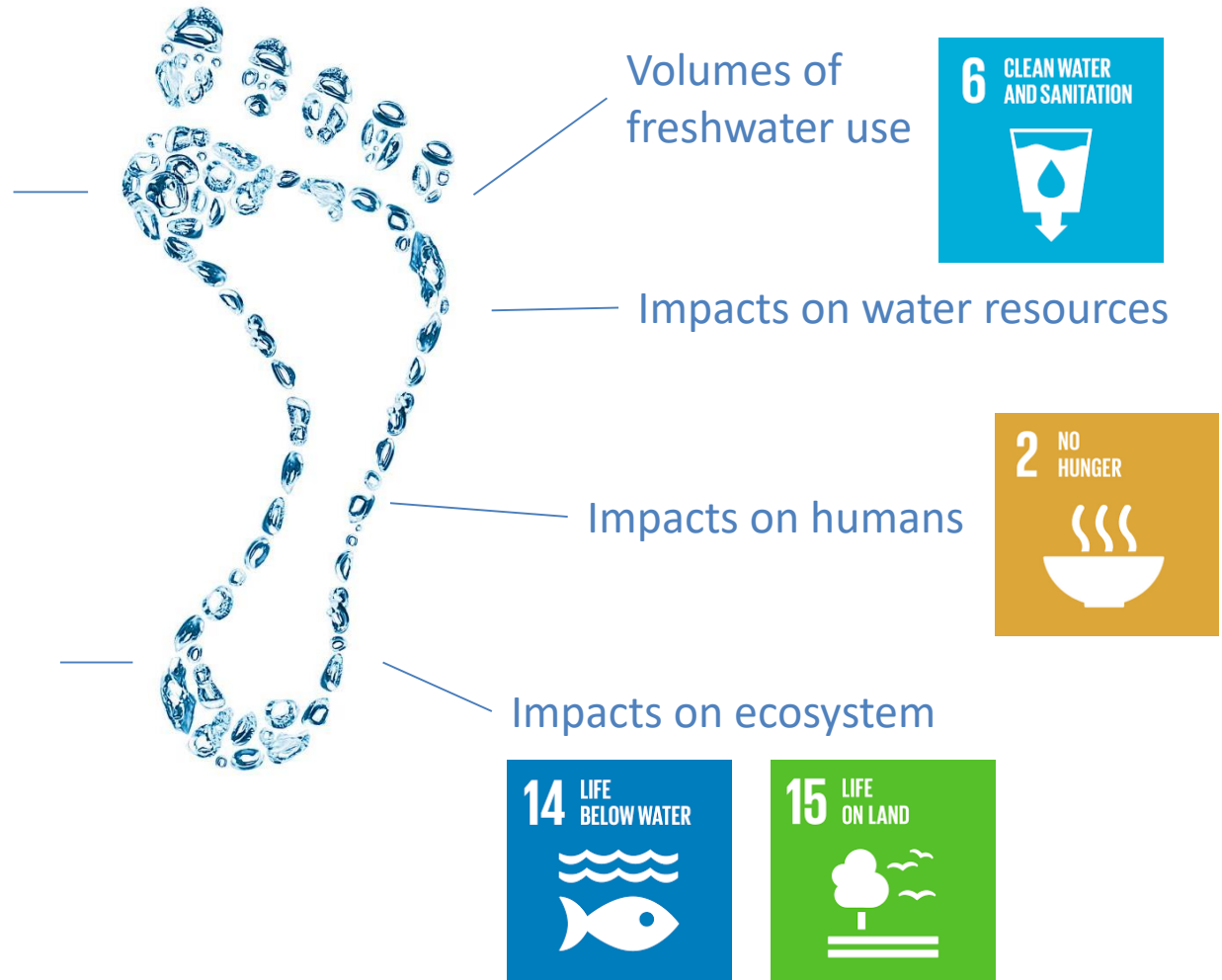
Tools enabling:

Awareness raising,
labelling & communication



Software-tools supporting
stakeholders in analyzing &
reducing water footprints

Methods analyzing:



Opportunities for achieving SDGs - Policy

- Analysis of virtual water trade between nations to explore:
 - Dependency on external water resources
 - Support for exporting countries



- On a national/regional level, the WF can guide sectoral policies and planning
- The WF can identify trade-offs in the water, energy and food security nexus
- On a local level, the WF can support increasing water use efficiency

Opportunities for achieving SDGs - Producers

- WF can support producers in analyzing water use along supply chains and to develop mitigation measures:

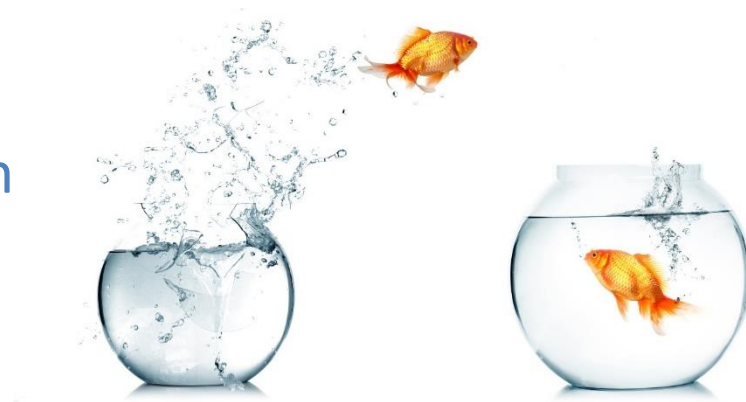


- Design products in a way which reduces indirect water use
- Support sustainable procurement to purchase water efficient materials/intermediates
- Broaden corporate environmental strategies:
 - Save water at local hotspots in global supply chains
 - Take collective actions in sensitive basins, via water stewardship

Methodological and practical challenges

- Even though several methods considering the impacts of water use have been developed, most WF studies stay on a volumetric level
- Both WF method development and case studies often neglect green water (especially relevant for agriculture) and water quality aspects
- Comparing and linking assessments conducted at different scales
- Studies analyzing virtual water trade are often followed by narrowly focused recommendations (shift trade, taxes, etc.)

⇒ Challenges addressed in GROW projects





Thank you and enjoy the conference!

InoCotton
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WANDEL 
Wasserressourcen als bedeutsame Faktoren der
Energiewende auf lokaler und globaler Ebene



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