Parallel session 8

Global implications of a country's water footprint - the case of industrialized countries

Chairs:

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Speakers

- **Dr. Markus Berger**
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- **Dr. Masaharu Motoshita**
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How much water do we need every day?
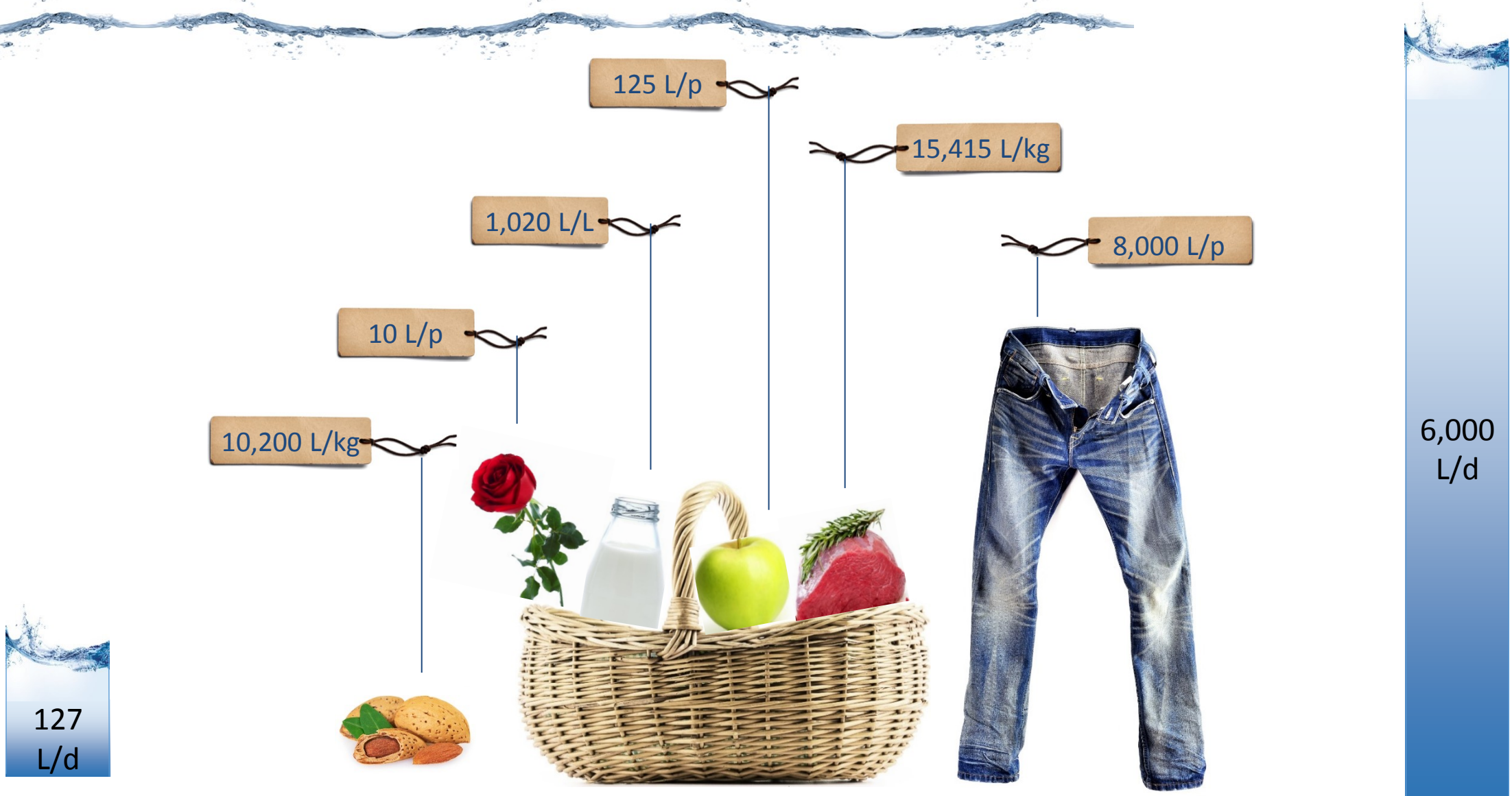
10,200 L/kg

10 L/p

1,020 L/L

125 L/p

15,415 L/kg

8,000 L/p

127 L/d

6,000 L/d

Virtual Water

Water consumed/polluted along supply chains of products, organization or nations:

- Blue water: ground and surface water

  ⇨ Blue water consumption: "Loss" of blue water from the originating river basin due to evapotranspiration, product integration or discharge in other basins or the sea

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- Green water: rain water

  ⇨ Green water consumption: "Loss" of green water due to evapotranspiration of rainwater by plants

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- Gray water: polluted blue water

  ⇨ Gray water footprint: water polluted by wastewater, measured by the volume of water required to dilute wastewater until quality standards are reached
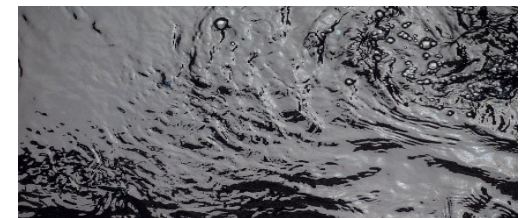
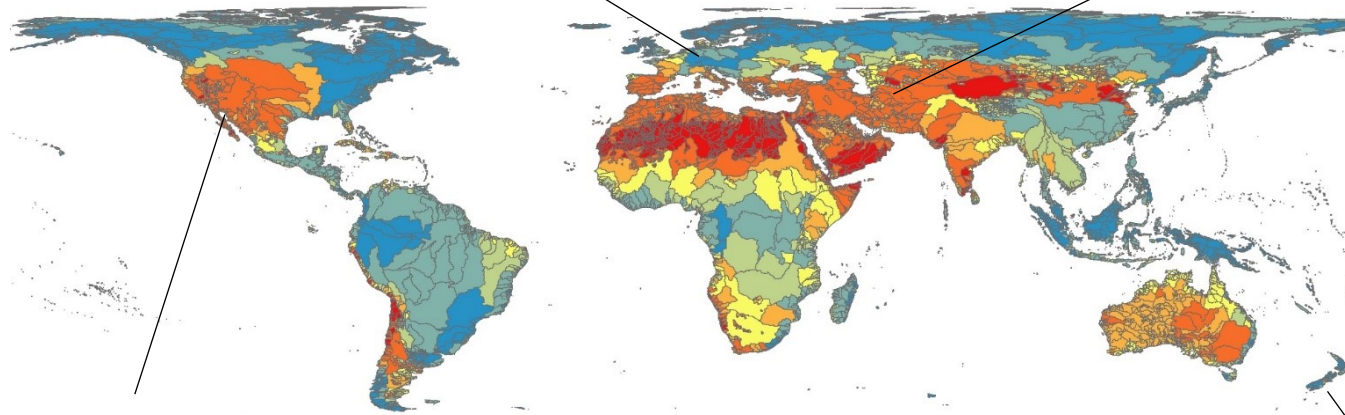Jean-Pierre Pellissier on Pixabay

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Is that a problem?

1,020 L/kg

2,600 L/kg

10,200 L/kg

125 L/kg

Discussion

- How well can the findings on the water footprint be linked to sectors/ value chains?

Discussion

- Which conclusions can you draw for potential improvements (quality/ quantity)?

Discussion

- What would you recommend to decision-makers and/or enterprises?

Thanks a lot for your attention!