

Water-use efficiency, sustainability guidelines, water footprint

Challenges of integrating new water-efficiency approaches in business processes

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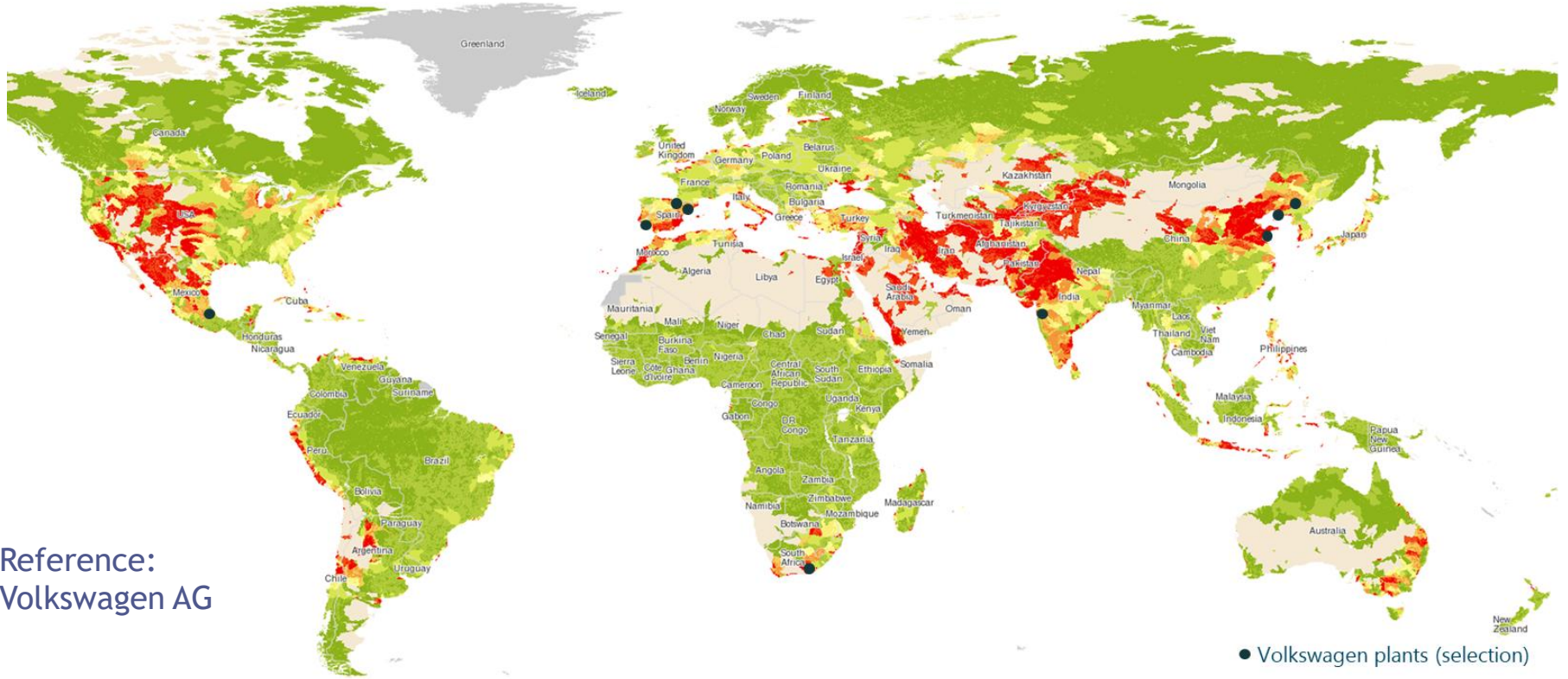


Federal Ministry
of Education
and Research

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GRoW
WATER AS A GLOBAL RESOURCE



Our Goal: -25%
per vehicle & component part

Greater sustainability.
Lower environmental impact.

Energy Water Waste CO₂ Emissions

resource-efficient production
-25% until 2018* ✓



Our Goal -45%
per vehicle & component part

Greater sustainability.
Lower environmental impact.

Energy Water Waste CO₂ Emissions

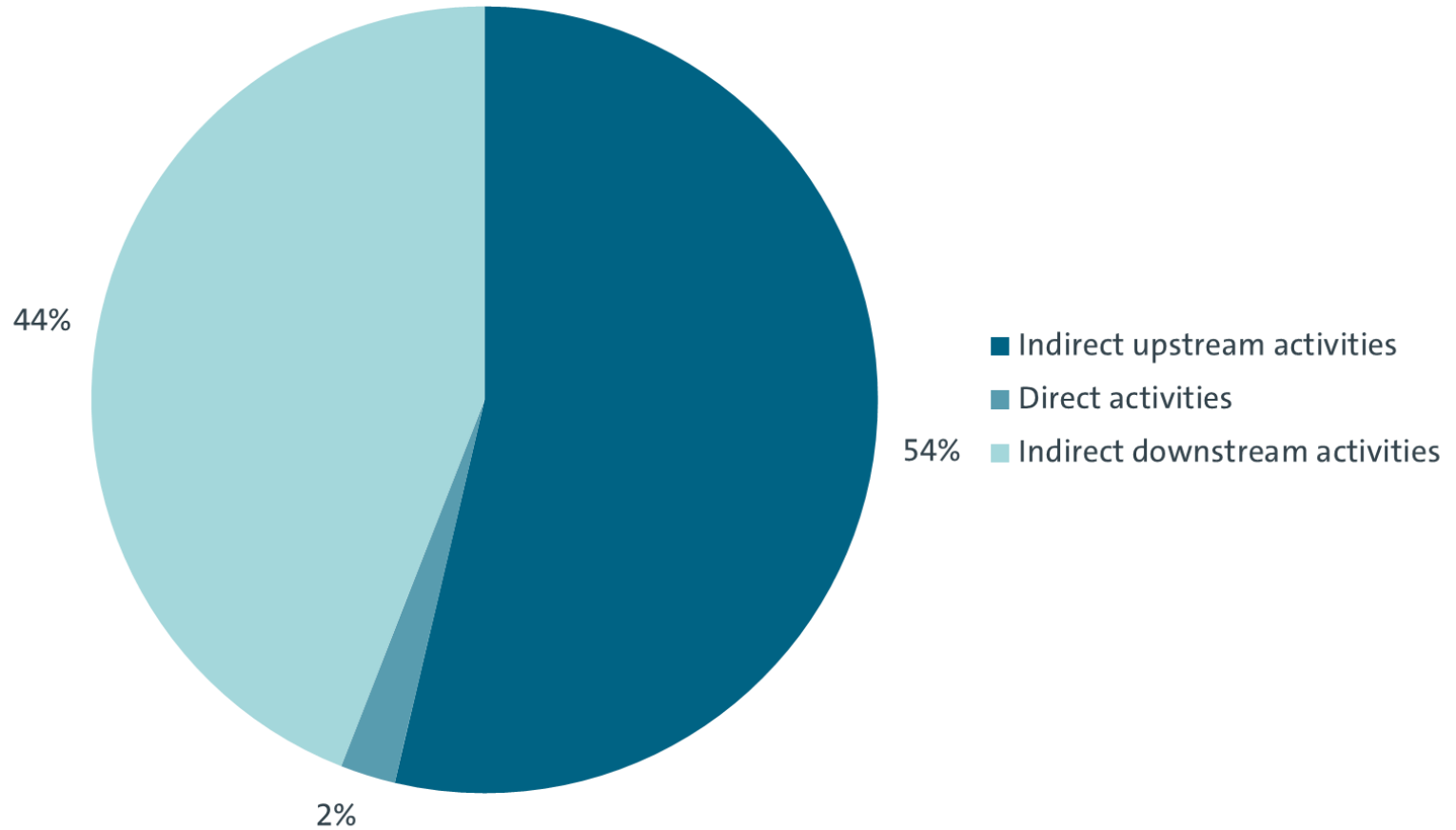
resource-optimized production
-45% until 2025*



gOTO
zero
IMPACT FACTORY

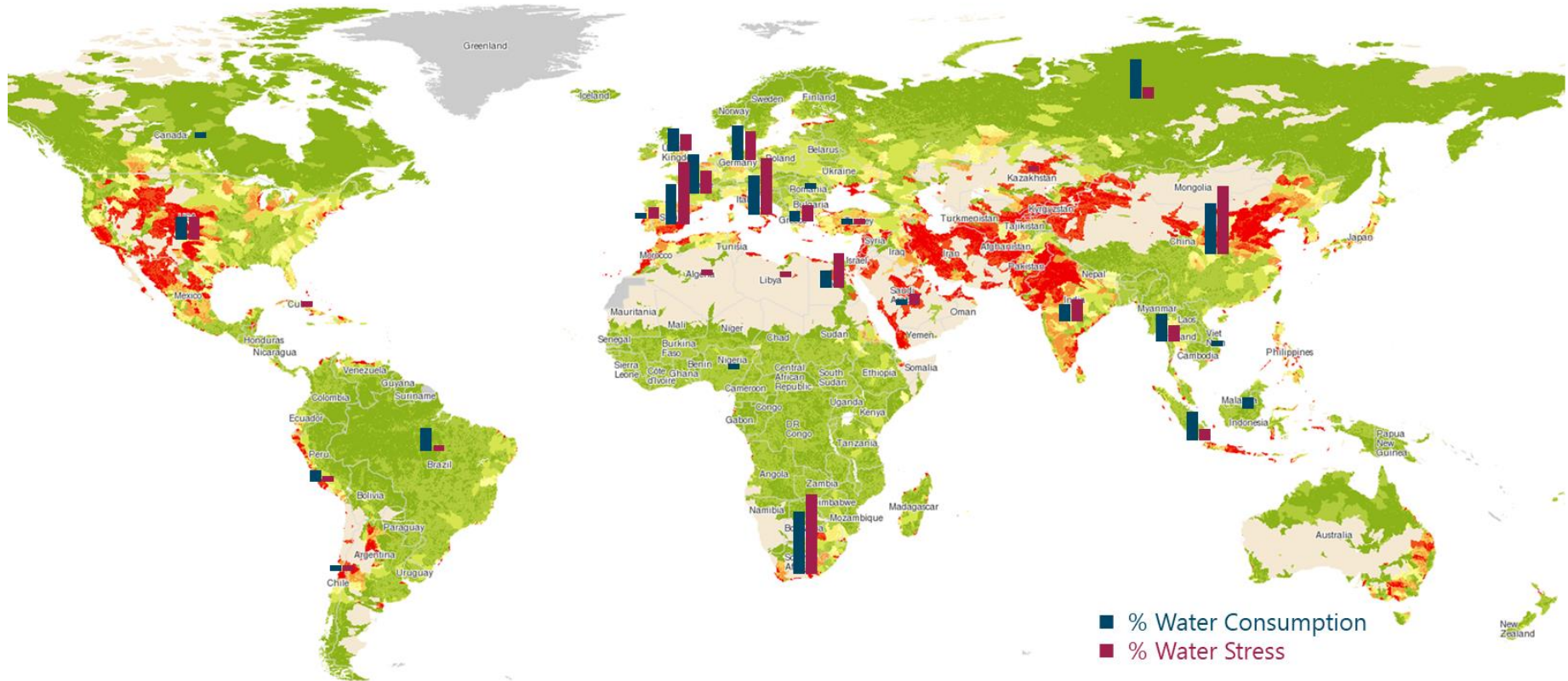
production without
environmental impact
vision

- Organizational Water Footprint - Volkswagen Plant Uitenhage, South Africa



Reference: Volkswagen AG

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Activities	Control	Leverage	Measures
Direct activities	↑	↓	<ul style="list-style-type: none"> – In-house water reduction of water consumption – Water-preservation projects around plants (e.g. Mexico)
Upstream activities	↓	↑	<ul style="list-style-type: none"> – Dependent on depth of supply chain – Focus on short supply chains with a high impact on water stress
Downstream activities	⇒	↗	<ul style="list-style-type: none"> – Fuel-efficiency increase – Alternative powertrains

Thank you for your attention!

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