

“Green Infrastructures”

Miguel Galmés-Schwarz

Director Sustainability / TUI Hotels

“Green Infrastructures”

Miguel Galmés Schwarz

TUI Group FY24 Overview

- 62 TUI Hotels in 33 destinations in 17 countries, from Cape Verde to Vietnam, mainly All-in Resorts around the Mediterranean.
- 20.000 rooms / 45.000 beds / 10,5 million overnights / ~240 million € GOP23
- ~170 GWh electricity
- ~10,5 kg CO_{2e} per overnight
- ~4,75 million m³ potable water
- ~430 litres per Guest and Night (including 70% of staff living at hotel)

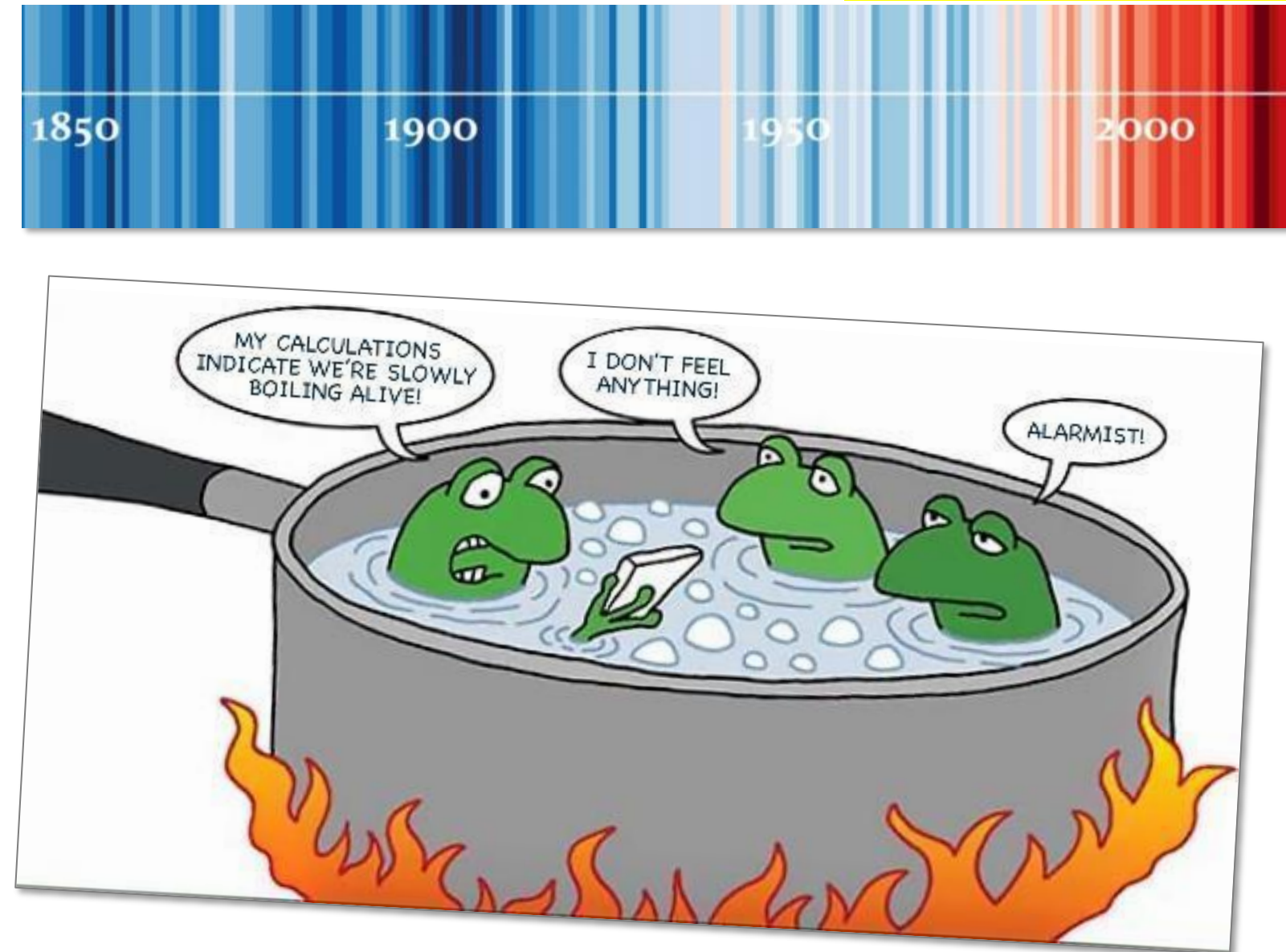
Country	Guest Overnights	Share
Turkey	3.175.521	30,6%
Spain	2.280.363	22,0%
Greece	871.245	8,4%
Egypt	741.805	7,1%
Tunisia	640.033	6,2%
Austria	410.581	4,0%
Italy	382.893	3,7%
Portugal	334.037	3,2%
Morocco	319.903	3,1%
Germany	215.519	2,1%
Maldives	215.294	2,1%
Croatia	171.501	1,7%
Cabo Verde	162.053	1,6%
Thailand	156.054	1,5%
Cyprus	154.484	1,5%
Tanzania	118.672	1,1%
Vietnam	37.787	0,4%
Total	10.387.745	100%

“Green Infrastructures”

Miguel Galmés Schwarz

TUI Emissions – *Global action!*

- TUI Hotels&Resorts Portfolio accounts for <10% of total GH Emissions of TUI Group
- SBTi Commitment 2023 THR: -46,2% reduction by 2030 / Baseline 2019.
- GHG-Emissions FY24 TUI Hotels : ~120.000 t CO_{2e} / 18% Refrigerants.
- Scope 1 initiatives:
 - Electrification Business Case for each Hotel: Fossil fuel equipment, CAPEX for electric substitute, OPEX increase in electricity, OPEX decrease in fossil fuel, ROI, Financing, Subsidies...
 - Flora Carbon Sink Pilot Project at 3 Resorts. Certified Absorptions of -8,7 t CO_{2e}, -25,6 t CO_{2e} and -277,9 t CO_{2e} per hotel.
- Scope 2 initiatives:
 - Zero-Carbon-Electricity production: mainly PV (CAPEX or PPA).
 - Zero-Carbon-Electricity contracting: REC for 0 kg CO_{2e}/kWh.

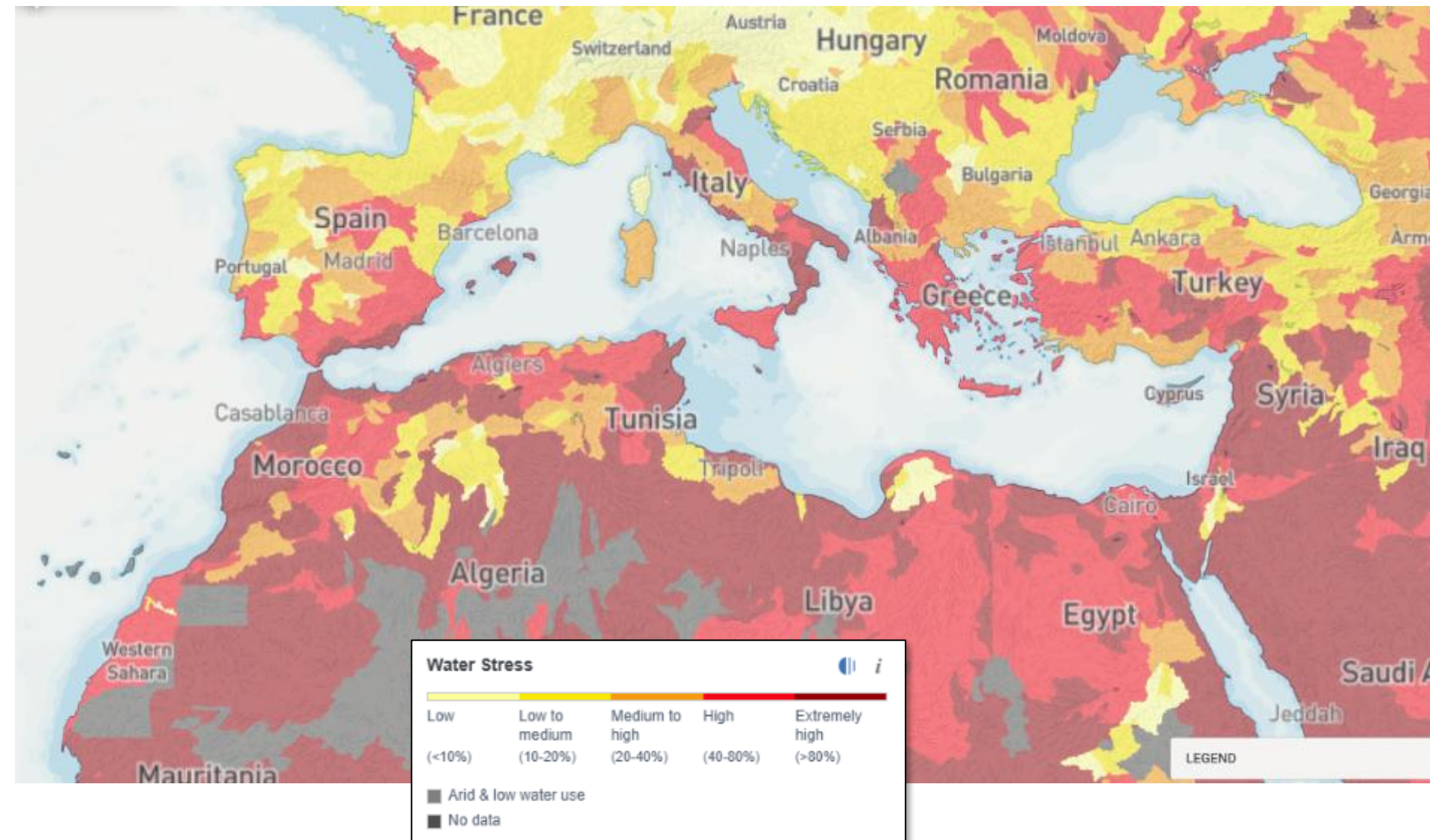


“Green Infrastructures”

Miguel Galmés Schwarz

TUI Water Stewardship – *local action!*

- TUI Hotels&Resorts Portfolio accounts for ~**87%** of total water consumption of TUI Group
- Current Water initiatives:
 - “Water-Smart Hotel Guidelines”
 - Water Audits at 6 Resorts in Greece in cooperation with the Greek government
 - Pilot Hotel on Rhodes where to implement all water efficiency innovations to achieve a permanent water reduction of X% within 2 years
 - Digital Twin Hotel (Water and Energy)



“Green Infrastructures”

Miguel Galmés Schwarz

My proposal on “Green Infrastructures”*

- **Decentralised Energy + Water District Solutions for dense touristic areas**
- Net-Zero / Water autarch / Tourism friendly NEIGHBOURHOODS

OPPORTUNITIES

CHALLENGES

* → “Any infrastructure that is designed, created and run to cover present and future needs as long as possible in time.”



Let's make tourism a force for good...
...again!!!