The World Is Not Enough

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1.7955359887

Number of Planet Earths we need

TO PROVIDE RESOURCES AND ABSORB OUR WASTE

Megatrends of the Middle East

3.48x
the global average CO_2 emissions per capita

11% to 59%
Increase since 2012 in percent of CEOs that aim to increase investment in digital transformation more than 10%.

1.5 to 16.9
Ecological Deficit in land and water needed to produce the resources consumed and absorb the waste generated.

Middle East Green Initiative

Middle East's first pact on climate change
Drive investment and knowledge-transfer
Foster the political will for transformative action climate commitments

60%
reduction in carbon emissions resulting from hydrocarbon production

50 Billion
trees planted across the Middle East

200 Million
hectares of degraded land to be restored through afforestation

https://www.saudigreeninitiative.org/

Sustainable Development in Pakistan

Ten Billion Tree Tsunami Project - leading the way in ecosystem restoration

20%
renewable energy target by 2025

30%
renewable energy target by 2030

net zero
carbon emissions by 2050

HUAWEI

Tech4Nature

A a global partnership to scale up success in nature conservation through digital technology innovation.

IUCN | Green List Protected | Conserved Areas | HUAWEI | TECH4ALL

Improve management effectiveness of protected areas using appropriate technology to solve conservation challenges.
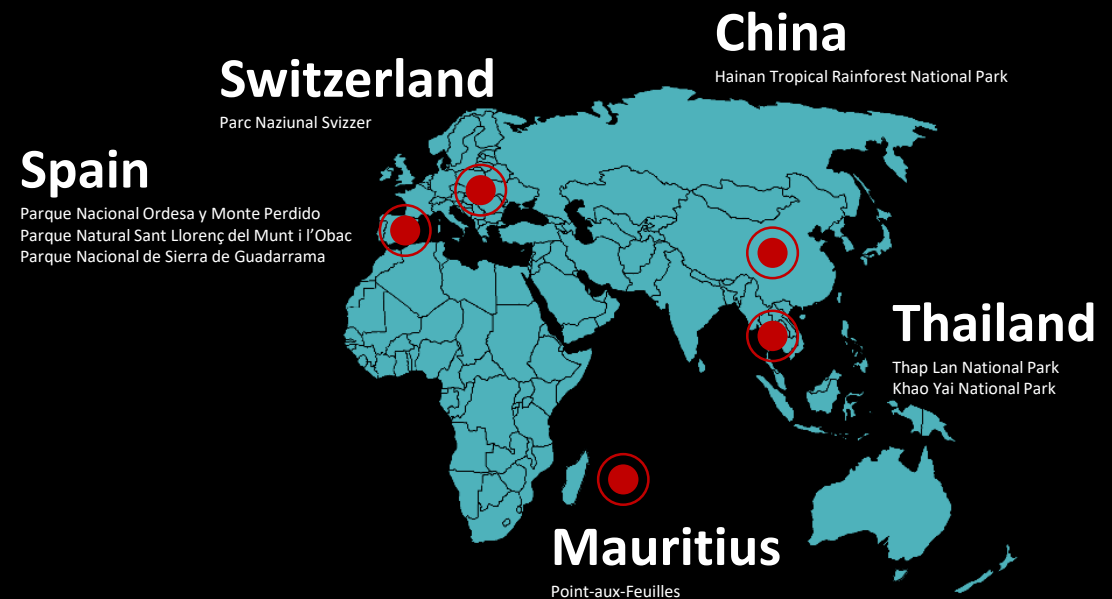
Develop a unique 'benchmarking tool' that uses digital technology to track progress and improvements in protected areas.

By 2023, evaluate at least 300 protected areas against the IUCN Green List Standard, and certify at least 100 of these protected areas.

Flagship Countries

China
Hainan Tropical Rainforest National Park

Switzerland
Parc Naziunal Svizzer

Spain
Parque Nacional Ordesa y Monte Perdido
Parque Natural Sant Llorenç del Munt i l'Obac
Parque Nacional de Sierra de Guadarrama

Thailand
Thap Lan National Park
Khao Yai National Park

Mauritius
Point-aux-Feuilles

HUAWEI

Supporting Low Carbon with Digital Technology

Carbon handprint

20%

ICT-enabled reduction in CO_{2e} emissions

(2021–2030)

Carbon footprint

2%

CO_{2e} emissions from ICT

(2020)

Invest and innovate in energy-saving technologies to deliver more energy-efficient ICT products for a low-carbon ICT industry
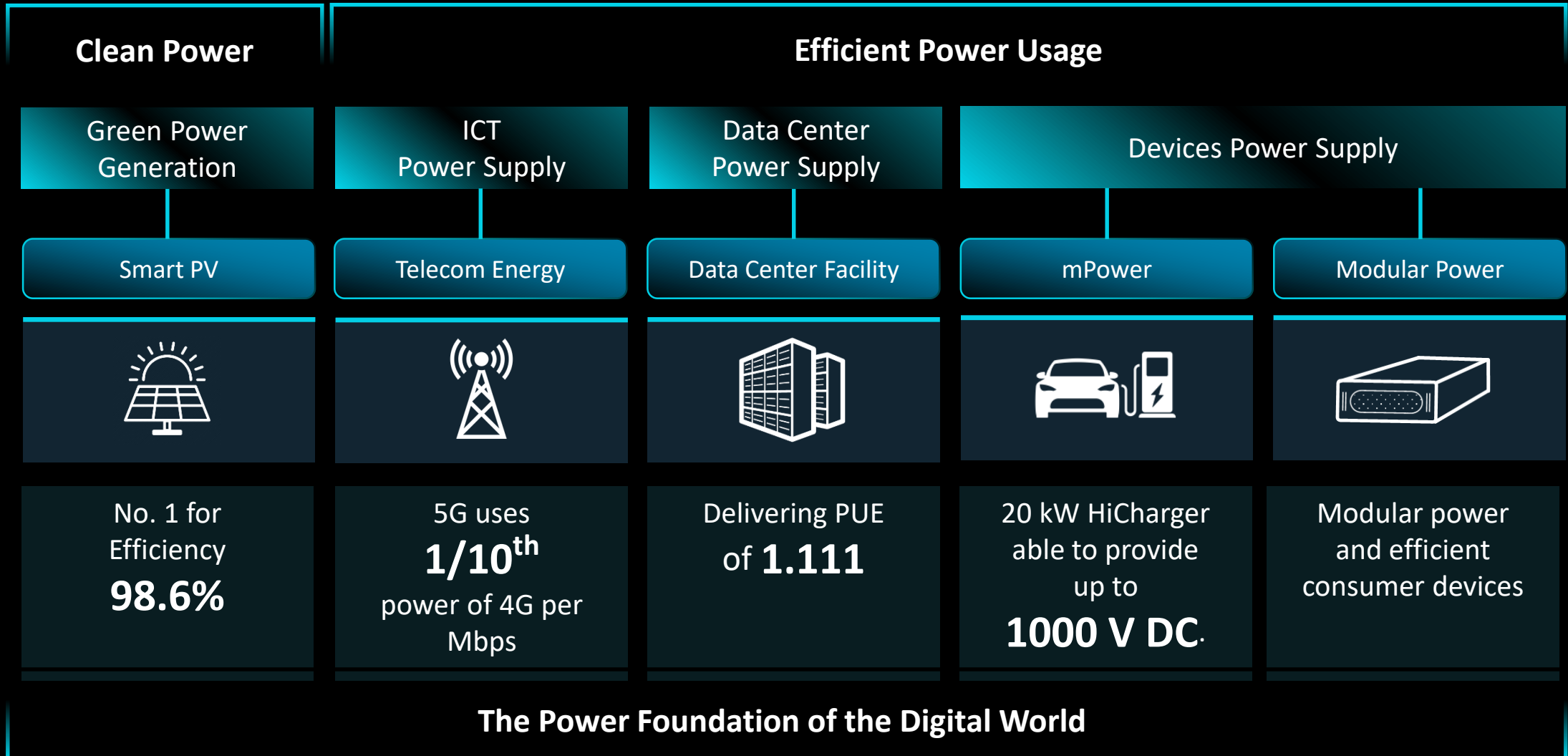
Invest in innovations where power electronics and digital technologies converge to promote clean energy and the digitalization of traditional energy

Provide digital technology to help all sectors go digital and low-carbon

Source: Global e-Sustainability Initiative (GeSI)

Energy – Generation and Consumption

Clean Power	Efficient Power Usage			
Green Power Generation	ICT Power Supply	Data Center Power Supply	Devices Power Supply	
Smart PV	Telecom Energy	Data Center Facility	mPower	Modular Power
No. 1 for Efficiency **98.6%**	5G uses **1/10th** power of 4G per Mbps	Delivering PUE of **1.111**	20 kW HiCharger able to provide up to **1000 V DC**.	Modular power and efficient consumer devices

The Power Foundation of the Digital World

Nature Conservation in the UAE

HE Razan Al Mubarak
Elected president of IUCN
Managing Director of the MBZ Species Conservation Fund, and
Managing Director of Environment Agency Abu Dhabi.

2x
protected areas
targets

42%
reduction in GHG
by 2030

net zero
carbon emissions
by 2050

Source: MONGABAY Rhett A. Butler on 30 August 2021
Emirates News Agency (WAM) https://www.wam.ae/en/details/1395302978138 07 October 2021

Call to Action

1. Prioritize and accelerate **sustainable city and national** development**.**

2. Even **forests** can leverage technology for better outcomes.

3. Continuous innovation enables **'smart'** to be **sustainable**.