



Expectations to the Research Communities Supporting Science-Based Climate Policy

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Children are the most vulnerable due to long exposure to environmental risks.

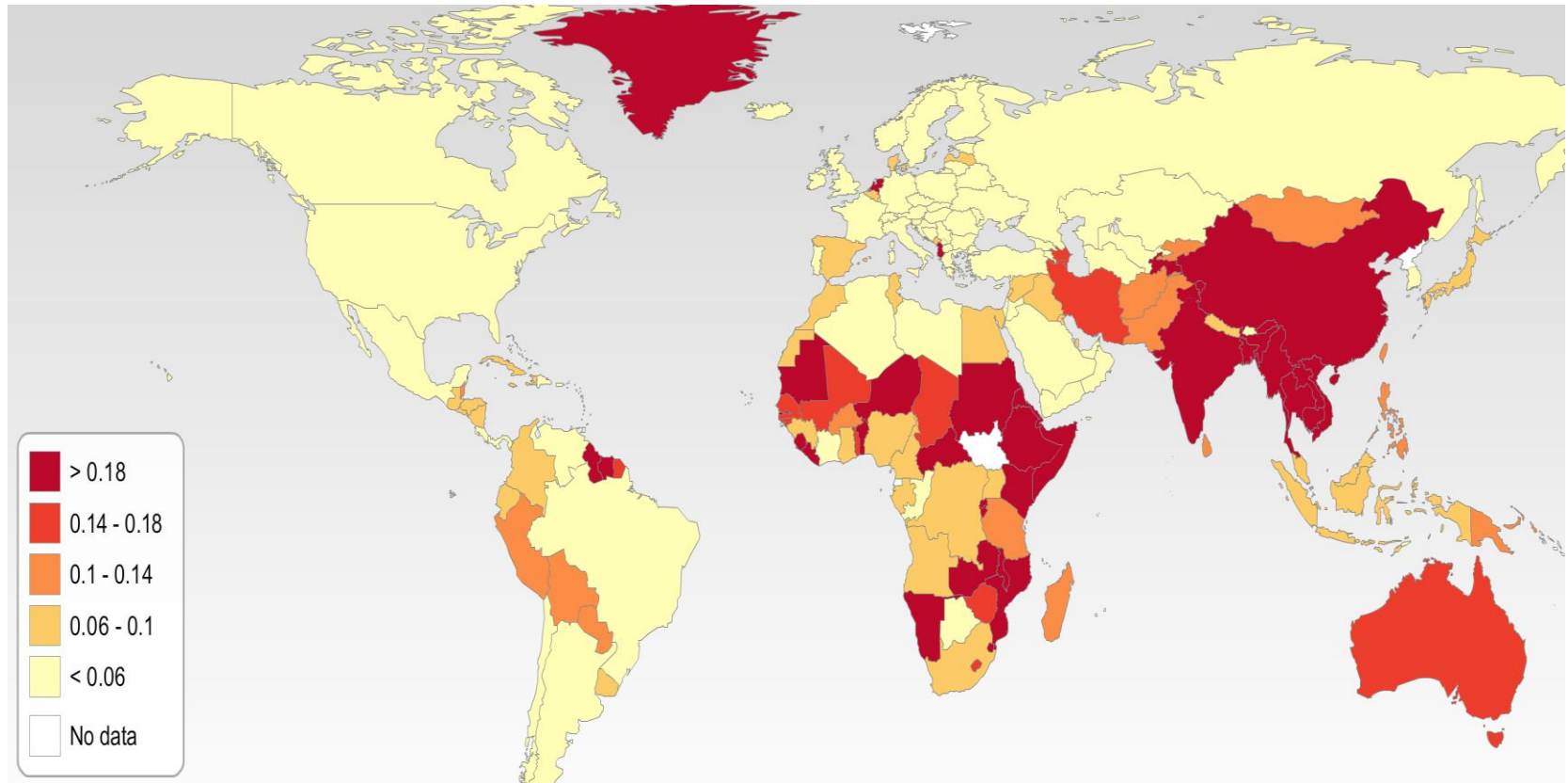
EVERYONE
EVERYWHERE

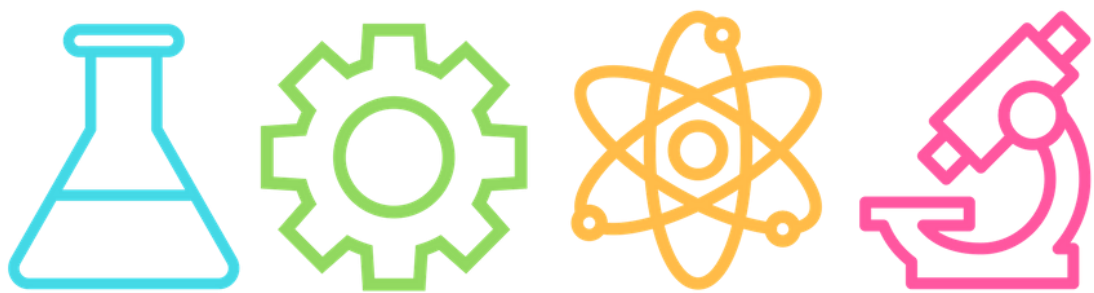
Countries with **weak health systems** will be least able to prepare and respond.



World Health Organization

Climate Change Vulnerability Index





Climate Change Policies & Plans

- **Climate Change Master Plan 2015 - 2050**
- **(Draft) National Adaptation Plan**
- **Thailand's Nationally Determined Contribution Roadmap on Mitigation (2021 – 2030)**
- **SDG Roadmap (Goal 13)**



Climate Change Master Plan 2015-2050

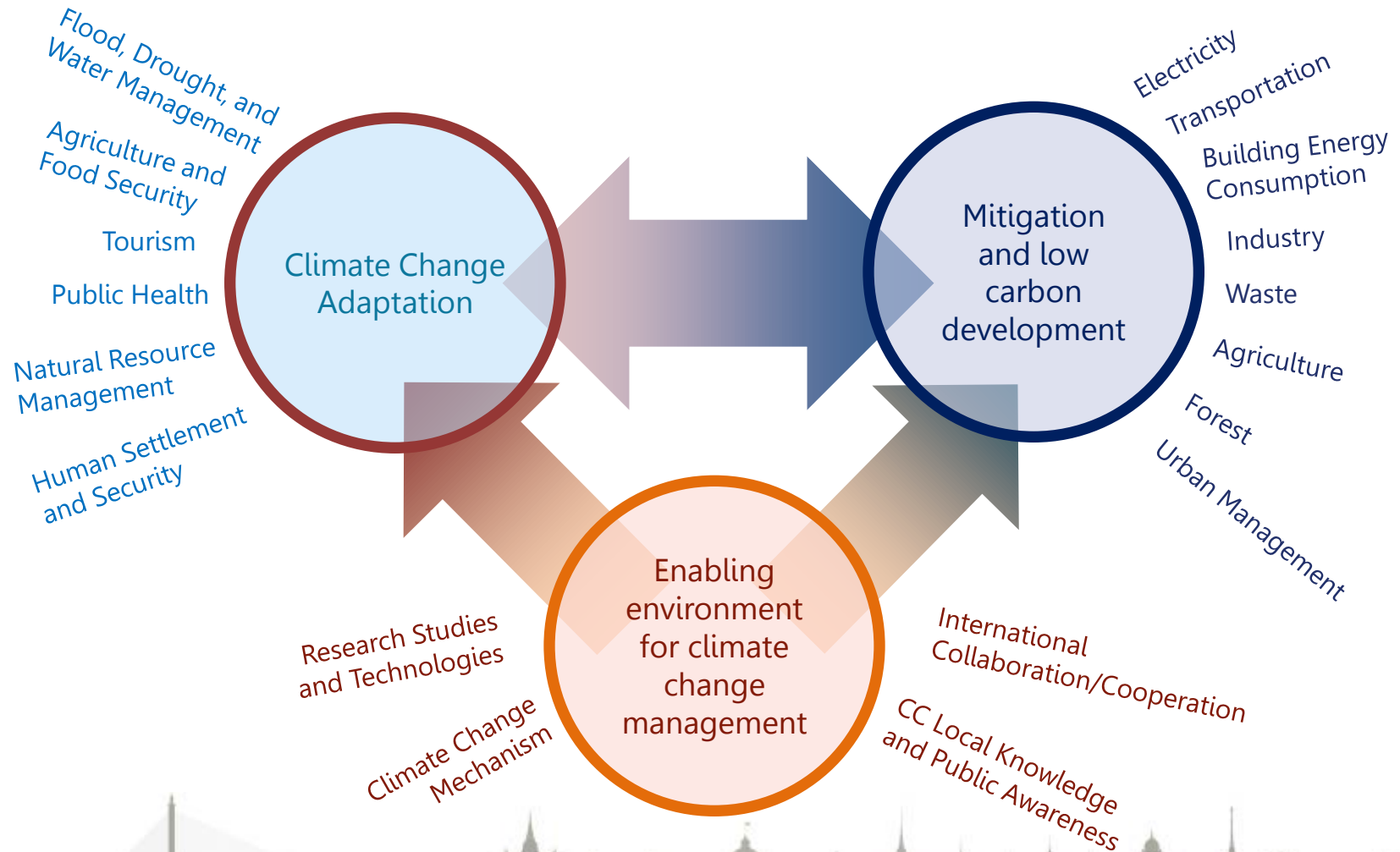
Vision 2050

**Thailand is resilient
to the impacts of climate change
and achieves low carbon growth
through sustainable development**

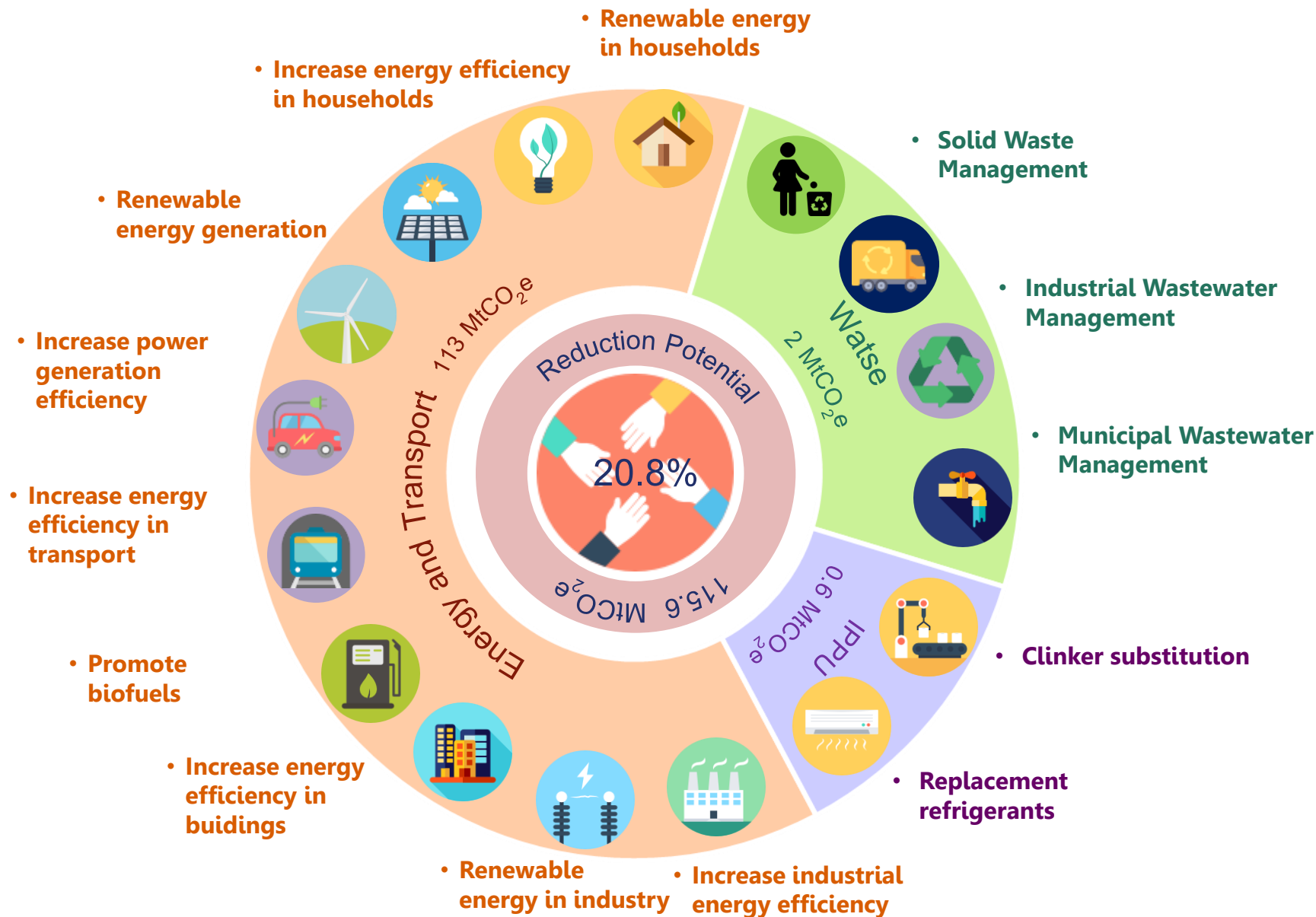
***Approved by the Cabinet
on July 14th 2015***



3 Main Strategies of CCMP

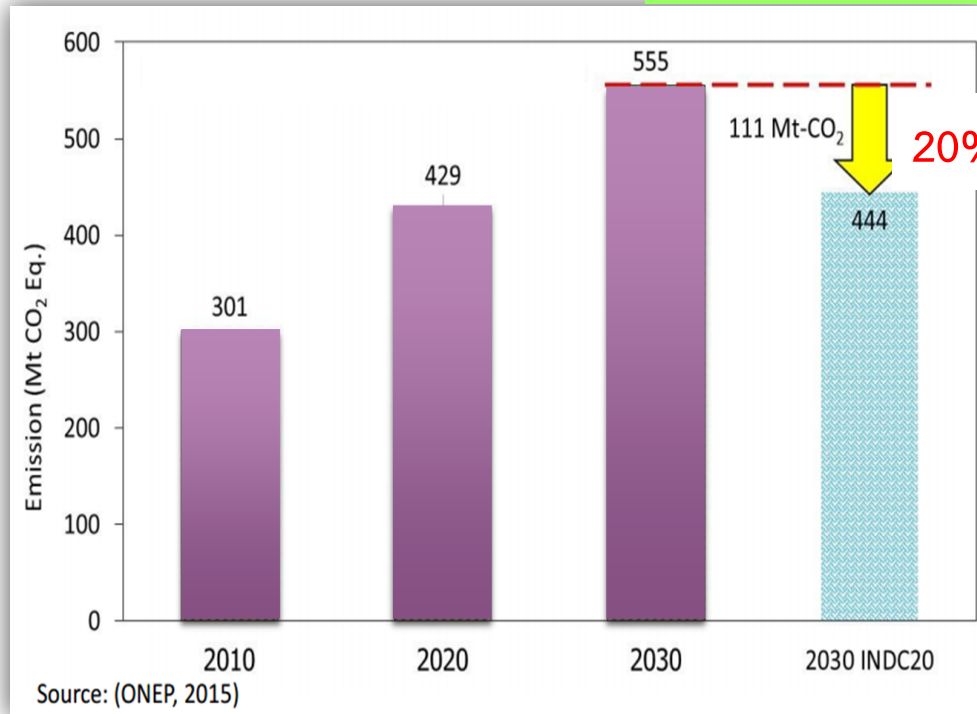


NDC Roadmap on Mitigation 2021-2030



Thailand after COP 22/23

NDC Targets 20-25% of GHG Reduction



Priority Sectors

- Energy
- Transport
- Waste
- IPPU (Industry)

SDG Target 13: Climate Action



Energy-related CO ₂ emissions per capita (tCO ₂ /capita)	4.5	●
Imported CO ₂ emissions, technology-adjusted (tCO ₂ /capita)	-0.5	●
Climate Change Vulnerability Index	0.2	●



Climate Change Research Framework

Mitigation

- Country Specific Emission Factor
- Database for MRV systems
- Study of GHG emission reduction in Agriculture & Forestry Sectors
- GHG baseline for industrial crops

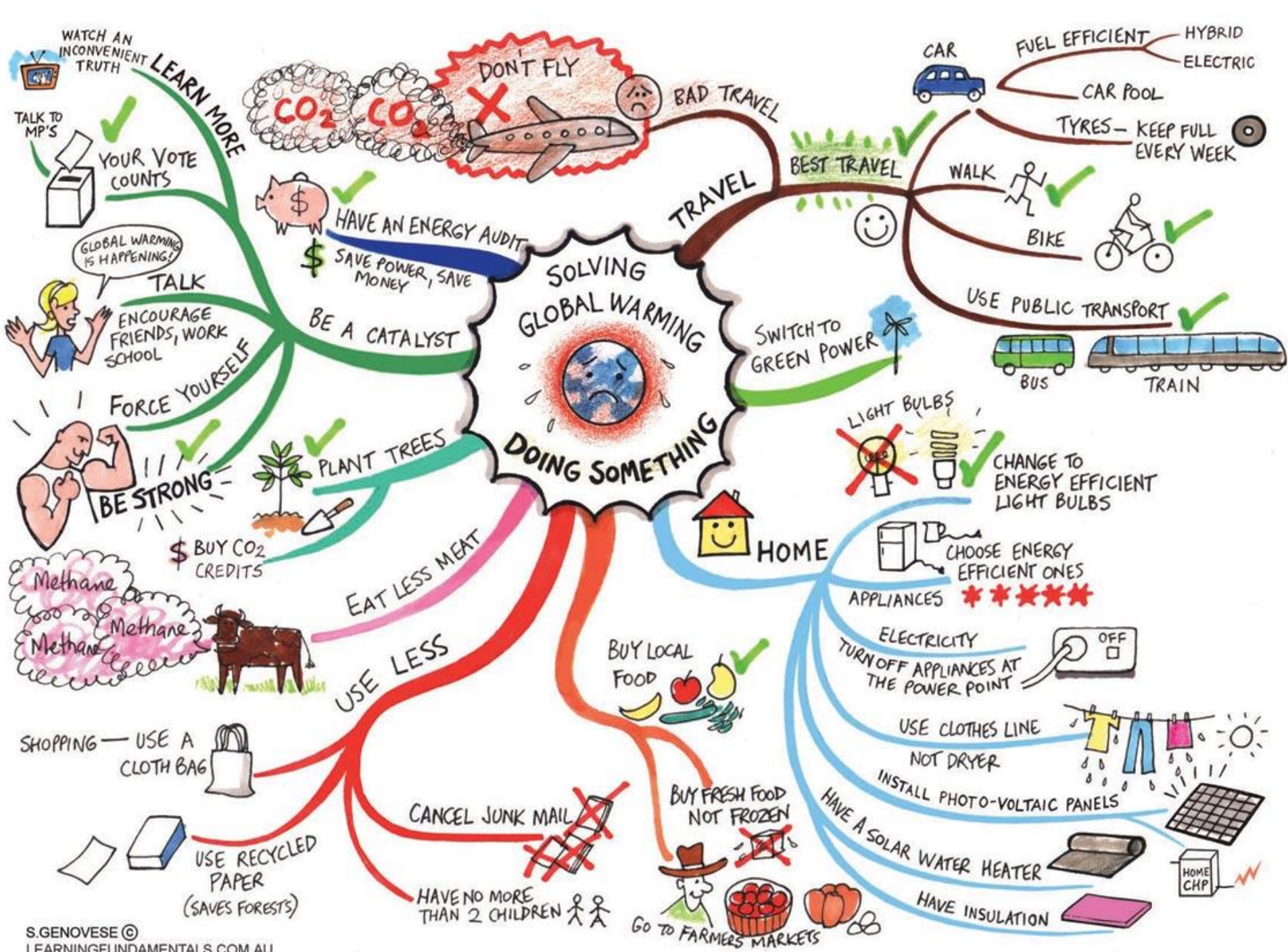
Cross-cutting

- Policy research for support mechanisms
- Efficient database for negotiation
- Climate investment plan
- Low carbon society



Adaptation

- Best practices for all sectors
- Impact assessment & measure recommendations for tourism and public health sectors
- Monitoring and evaluation (M & E) systems
- Accurately weather prediction in high risk areas
- Productive innovation for all levels





Sustainable Development Goals

Economic Wealth

8 DECENT WORK AND
ECONOMIC GROWTH



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



10 REDUCED
INEQUALITIES



12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



Social Well-being

1 NO
POVERTY



2 NO
HUNGER



11 SUSTAINABLE CITIES
AND COMMUNITIES



16 PEACE, JUSTICE
AND STRONG
INSTITUTIONS



Environmental Wellness

6 RENT
DRIKKEVAND



7 AFFORDABLE AND
CLEAN ENERGY



13 CLIMATE
ACTION



14 LIFE BELOW
WATER



15 LIFE
ON LAND



Human Wisdom

3 GOOD HEALTH
AND WELL-BEING



4 QUALITY
EDUCATION



5 GENDER
EQUALITY





Ministry of Natural Resources and Environment

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