



ESG



ENVIRONMENTAL



SOCIAL



GOVERNANCE
& ECONOMIC



Passion For Better



Nuttavut Intarode
Sustainable Development
Director, SCG.

- ❑ Historical roots in producing Cement and expanded to Petrochemicals, Paper & Packaging, Building Products, and Distribution.
- ❑ Listed on the Stock Exchange of Thailand since 1975.
- ❑ SCG's total assets as of December 31, 2021, amounted to 861.1 Billion Baht, of which 40% represented assets in ASEAN, EBITDA 91.87 Billion Baht
- ❑ Total workforce of more than 55,000 employees; of which, 40% of employees are stationed outside Thailand across ASEAN.



Core Business Units:

Cement - Building Materials



Chemicals



Packaging



Regional ASEAN Plus



International Level

Member of
Dow Jones Sustainability Indices
Powered by the S&P Global CSA

SCG has been listed on the Dow Jones Sustainability Indices in the category of DJSI World and DJSI Emerging Markets in Construction Materials Industry for the 18th consecutive year by S&P Global. SCG is the first in ASEAN to have been included as DJSI member since 2004.



SCG has been rated B on climate change, water security, and forest in chemicals sector by the Carbon Disclosure Project (CDP).



SCG received the AA rating on the MSCI ESG Ratings in the Construction Materials Industry for the fifth consecutively year by Morgan Stanley Capital International (MSCI), the world's leading stock index provider.

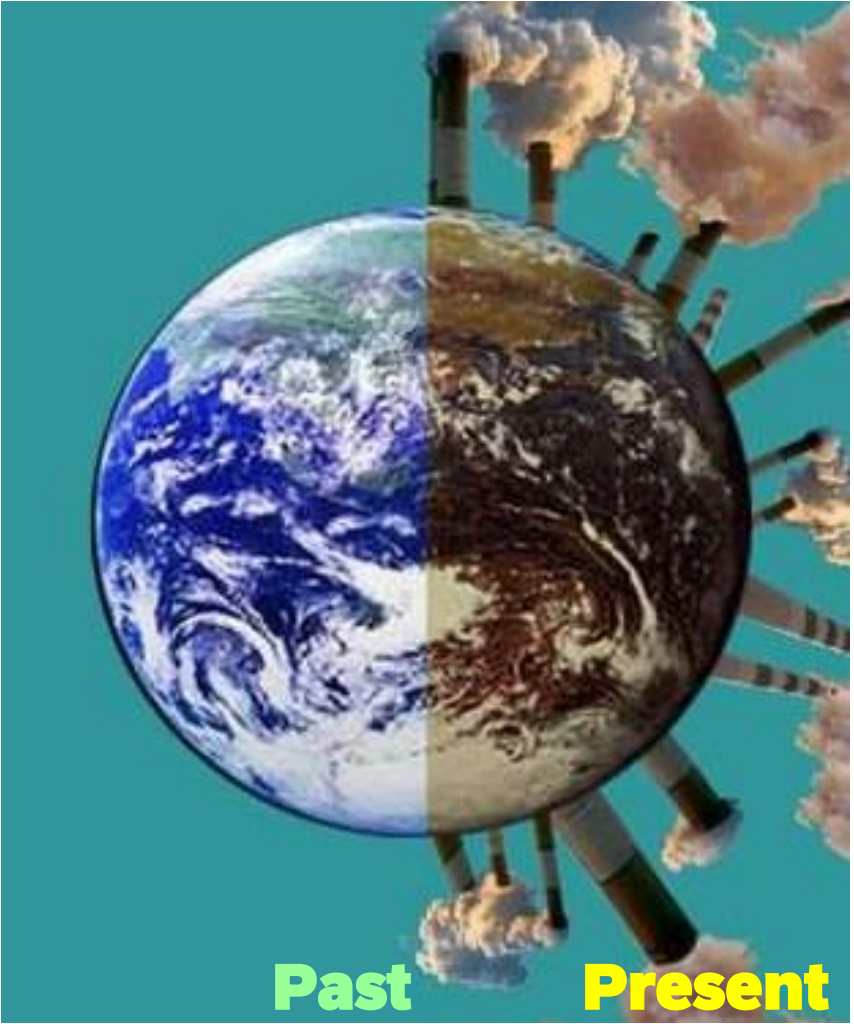


FTSE4Good

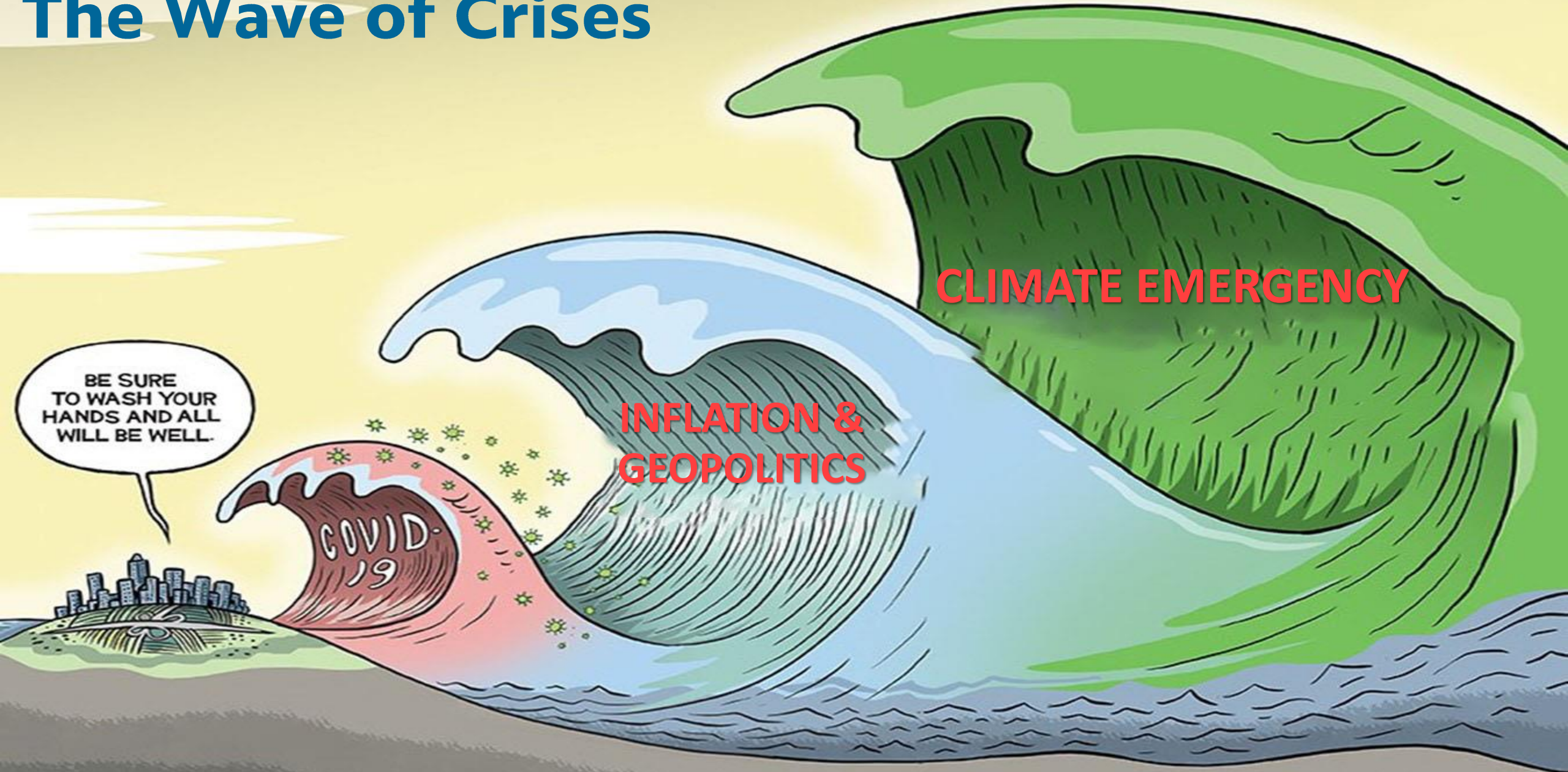
SCG has been recognized as member of the FTSE4Good Index Series based on the assessment of running business by taking its responsibilities on a basis of Environmental, Social and Governance (ESG) by FTSE Russell.

The world ain't the same anymore!

The Wave of Crises



The Wave of Crises





ESG 4 Plus

Net Zero by 2050



Go Green

Circular Economy Roadmap

1. DESIGN FOR RECYCLABILITY 2. MECHANICAL RECYCLING 3. CHEMICAL RECYCLING 4. BIOPLASTICS

SCG GREEN CHOICE

Reduce Inequality

ลดเหลื่อมล้ำ สร้างอาชีพ

พลังชุมชน
พัฒนาทักษะช่าง

สร้างอาชีพ
พนักงานขับรถบรรทุก

เพิ่มผลผลิตการเกษตร
ด้วยเทคโนโลยี

มอบทุนการศึกษาหลักสูตรระยะสั้น
เรียนจบและได้งานเร็ว เช่น
ผู้ช่วยพยาบาล ผู้ช่วยทันตแพทย์

Enhance Collaboration



Plus Trust Through Transparency
In All Operations

1



Set Net-Zero by 2050

Use technology to increase the proportion of alternative energy



- Biomass
- Solar
- Wind
- Hydrogen

Invest R&D in Deep Technology to reduce greenhouse gas emissions.



- Electronic Vehicle (EV)
- Low Carbon Process
- Alternative Feedstock
- AI Supervisory

Build check dams to restore nature's balance and absorb CO₂



- 130,000 check dams
 - 23 constructed reservoir
 - 17 exemplary check projects
 - 50 projects joining ecosystems with surrounding community
- By 2025

Plant trees to absorb CO₂

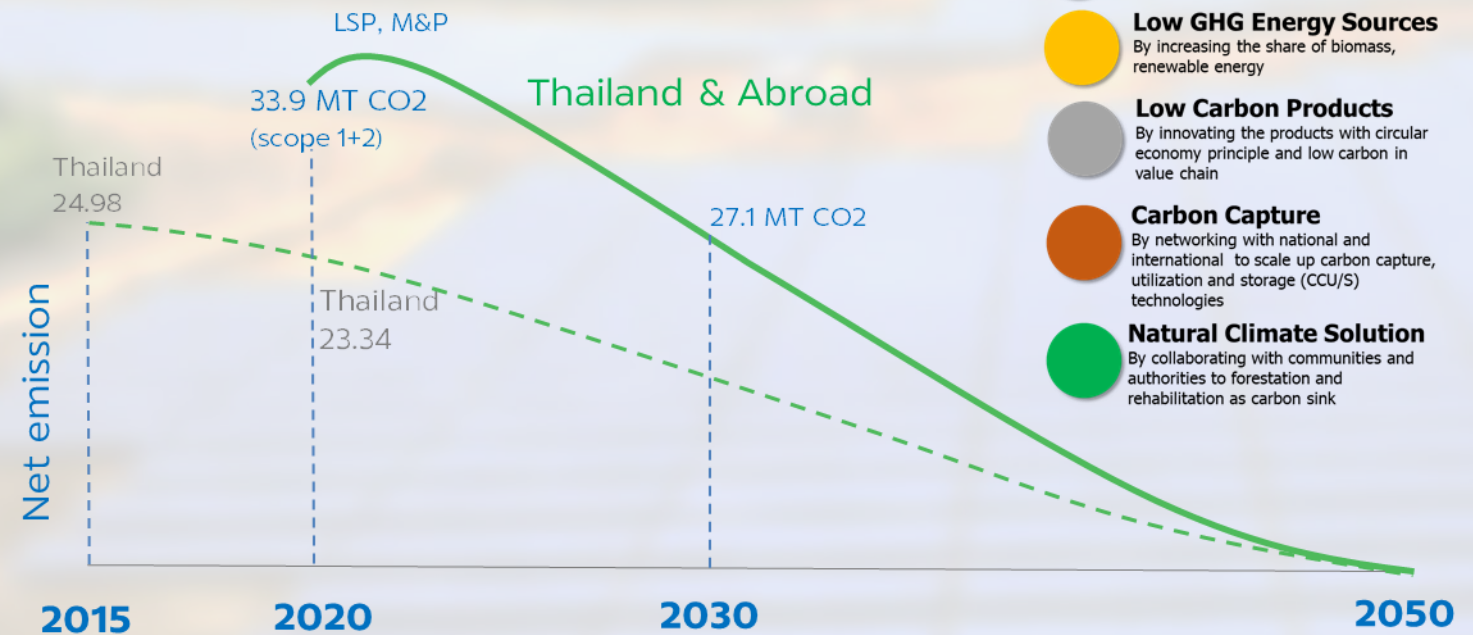


- 3 million rai of land forest
 - 30,000 rai of mangroves forest
 - Expand to 5 million to absorb 5 million tons of CO₂
- By 2050



SCG AMBITION GOAL Net Zero by 2050

2030 Target (Thailand & Abroad Emissions):
 20% Net GHG reduction from 2020 base year



- Energy Efficiency**
By using the best available technologies with energy efficiency
- Low GHG Energy Sources**
By increasing the share of biomass, renewable energy
- Low Carbon Products**
By innovating the products with circular economy principle and low carbon in value chain
- Carbon Capture**
By networking with national and international to scale up carbon capture, utilization and storage (CCU/S) technologies
- Natural Climate Solution**
By collaborating with communities and authorities to forestation and rehabilitation as carbon sink



2



GO Green

Develop the environmental innovations to preserve the world.

SCG
**GREEN
CHOICE**



**100% Recyclable
Packaging**



500 MW+
renewable energy
in Thailand and abroad by 2023





Reduce Inequality

3



Reduce Inequality

Create 20,000 jobs for communities and SMEs by 2025
by developing in-demand skills by 2025



ESG 4 Plus

Start together for ourselves and the world



พลังชุมชน
เสริมความรู้สู่คุณธรรม
Community power to promote
knowledge and morality

Reduce inequality and create jobs



อิช้าง
O-CHANG

Improve technical skills



SCG Skills Development
Create jobs for truck drivers



Increase agricultural
productivity with technology



Deliver short-term course scholarships that provide education
and employment opportunities such as nursing assistant and
dental assistant.



Embrace Collaboration



4



Enhance Collaboration

Establish concrete collaboration with national, ASEAN and global agencies to drive ESG.



ESG 4 Plus

Start together for ourselves and the world



- OUR COMMITMENT -

“

Cement and concrete industry to be **a leader in driving towards Net zero** by setting a **clear roadmap and collaborating with all sectors** and to be **a model for other industries in Thailand.**

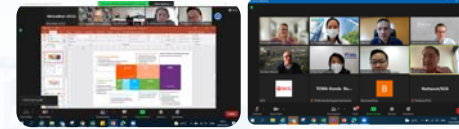
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- PROCESS -

WORKING TOGETHER

(TCMA – TCA - GCCA)

Review data & assumptions
(in consultation with GCCA and ECRA)



- Draft roadmap.
- Arrange workshop & confirm numbers and assumptions with relevant parties in Thailand.
- Propose roadmap to GCCA and get feedback.
- Get approval.



- TCMA Lighthouse Project-



Accelerate using of **hydraulic cement**, which is **low carbon product** through **procurement process for government construction**.



Ministry of Natural Resources and Environment



Ministry of Transport



Ministry of Industry



Ministry of Interior



Ministry of Agriculture and Cooperatives



Ministry of Commerce



Permanent Secretary, Director-General and high level authority join forces for achievement of GHG emission reduction target as set by improving the construction standard of each agency, enhancing product standard, educating stakeholders, and researching and development on low carbon product, etc.



Thai Cement Manufacturers Association

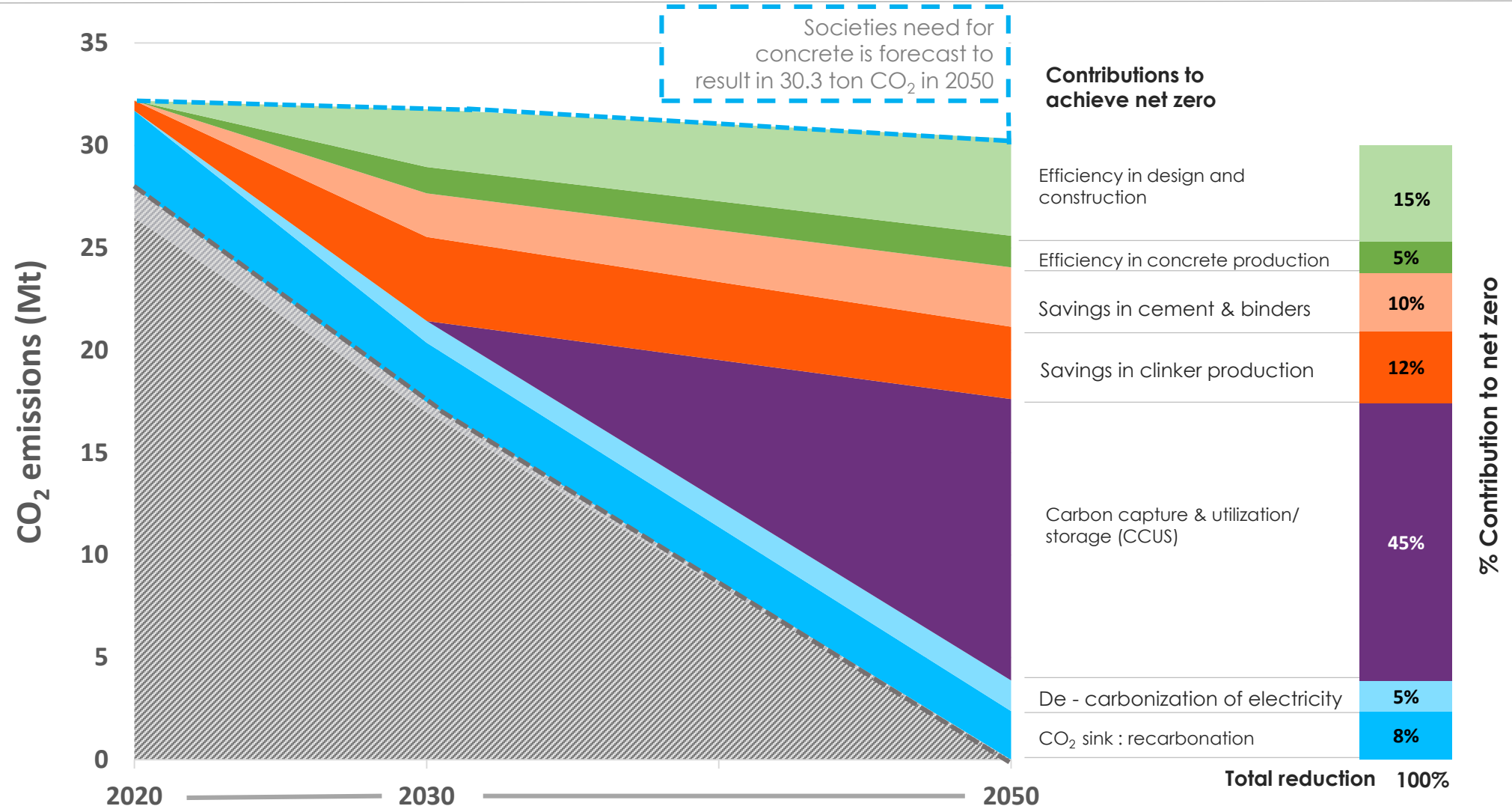


TCMA together with 24 alliances (government agency, professional sector, industrial sector, and academic sector) announced **'MISSION 2023'** on greenhouse gas mitigation



“ **CEMENT** industry is the **FIRST** industry in **THAILAND** continuing announcement its **COMMITMENT** to mitigate greenhouse gas emission ”

THAILAND : THE NET ZERO PATHWAY



- Key levers**
- Binders (Hydraulic cement)
 - Design & Construction
 - AF (RDF & Biomass)

- Key levers**
- CCUS
 - Design & Construction
 - Binders (Hydraulic cement, Calcined clay)
 - AF (RDF & Biomass)



- CONCRETE FUTURE**
- Net Zero Accelerator in Thailand**
- First country to pilot the project
 - First country to launch the Net Zero Roadmap
 - Genuine partnership between industry and government
 - Exemplar case study for the world
-
- Concrete projects under development
 - Ready to meet the challenge
-
- Congratulation to TCMA & TCA





ESG 4 Plus

Start together for ourselves and the world



4 Easy Steps

Do it right thru 

- 1 **Click** into GRC HelpLine.
- 2 **Choose** your interest item.
- 3 **Ask** your questions.
- 4 **Receive** answers from expert.



สอบถามเพิ่มเติมได้ที่
GRC Helpline



Trust Through Transparency



PASSION FOR BETTER