## Climate Indicators & the Sustainable Development Goals





































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## Before we get started...

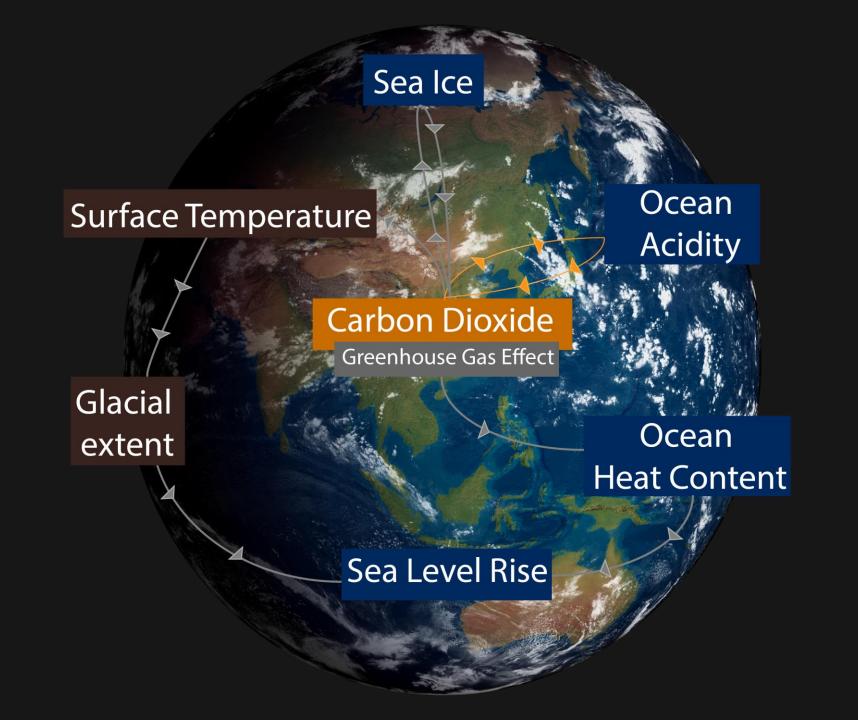
On your phones or computers, please go to:

## www.Menti.com

And use the code

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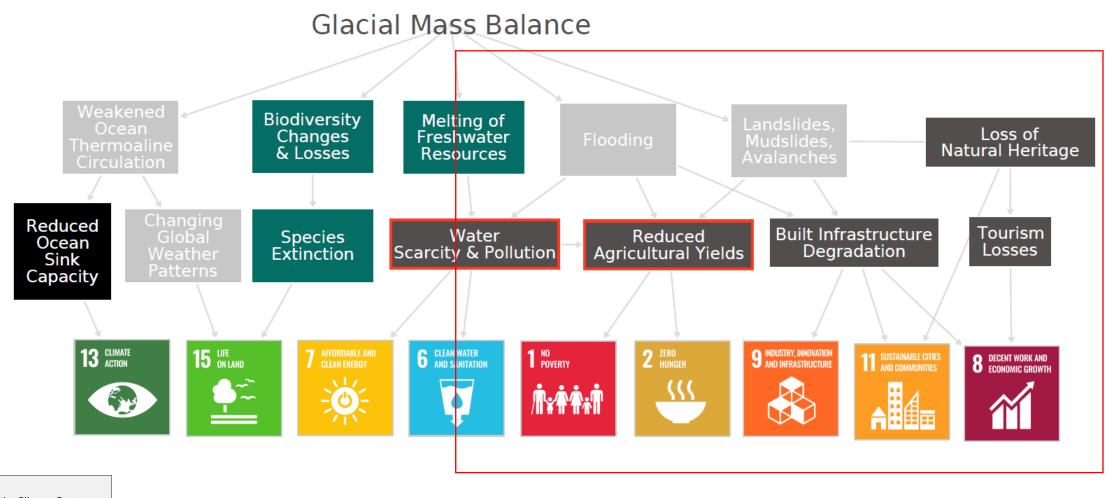
### 6 PEACE, JUSTICE AND STRONG INSTITUTIONS \* **İ**\*††iİ 15 LIFE ON LAND 3 GOOD HEALTH AND WELL-BEING 14 LIFE BELOW WATER 4 QUALITY EDUCATION 13 CLIMATE ACTION 5 GENDER EQUALITY 12 RESPONSIBLE CONSUMPTION AND PRODUCTION 6 GLEAN WATER AND SANITATION Ō 10 REDUCED INEQUALITIES 8 DECENT WORK AND ECONOMIC GROWTH 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

# The Sustainable Development Goals

- Agenda for 2030
- Comprised of 17 goals
- Globally agreed in 2015

	Climate indicators and relevant Sustainable Development Goals														
			1 POVERTY	2 ZERO HUNGER	3 GOOD HEALTH AND WELL-BEING	6 CLEAN WATER AND SANITATION	7 AFFORDABLE AND CLEAN ENERGY	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	10 REDUCED INEQUALITIES	11 SUSTAINABLE CITIES AND COMMUNITIES	13 CLIMATE ACTION	14 LIFE BELOW WATER	15 UFE ON LAND	16 PEACE JUSTICE AND STRONG INSTITUTIONS
			SDG 1	SDG 2	SDG 3	SDG 6	SDG 7	SDG 8	SDG 9	SDG 10	SDG 11	SDG 13	SDG 14	SDG 15	SDG 16
		CO <sub>2</sub> concentration													
		Ocean acidification													
		Global mean surface temperature													
		Ocean heat content													
		Sea-ice extent													
		Glacier mass balance													
		Sea-level rise													





#### Legend

- Change in the Climate System
- Ecosystem Services Degradation
- Impact on Human Societies
- Feedback loop
- Gender Implications

## Flooding in Uttarakhand, India



200 people missing or perished

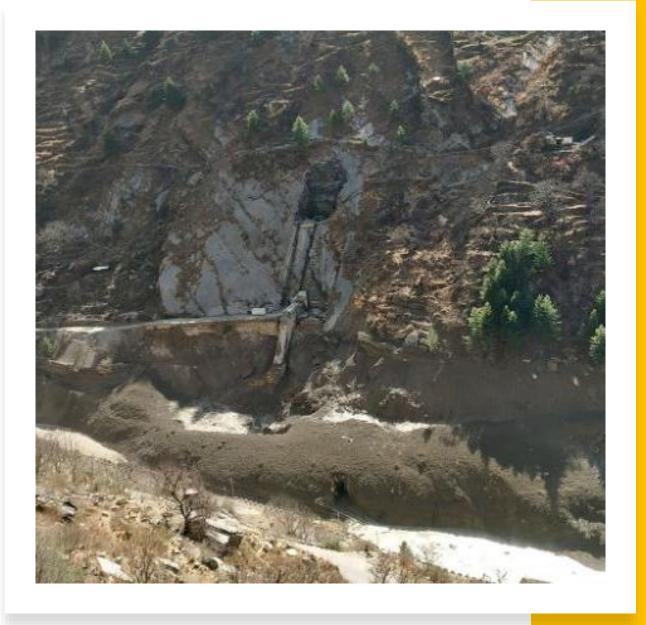


Damaged two hydropower stations



UNESCO World Heritage Site







#### Ocean Legend Acidification Change in the Climate System Ecosystem Services Degradation Impact on Human Societies Feedback loop Gender Implications Marine Shell and Skeletal Formation Coral Fishing Marine Food Web Formation Yields Alteration Reduced Livelihoods Food Natural Security Tourism Heritage Conflicts 2 ZERO HUNGER DECENT WORK AND ECONOMIC GROWTH 14 LIFE BELOW WATER **11** SUSTAINABLE CITIES 16 PEACE, JUSTICE AND STRONG 1 NO POVERTY INSTITUTIONS

## Coral Triangle



76% of the world's coral species

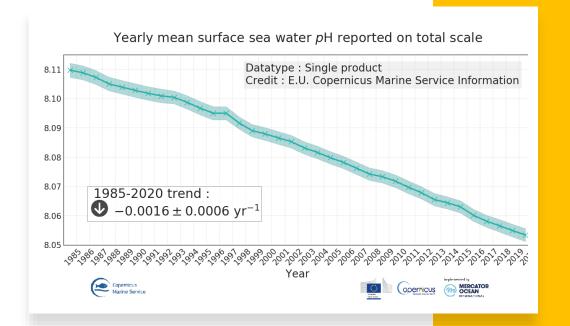


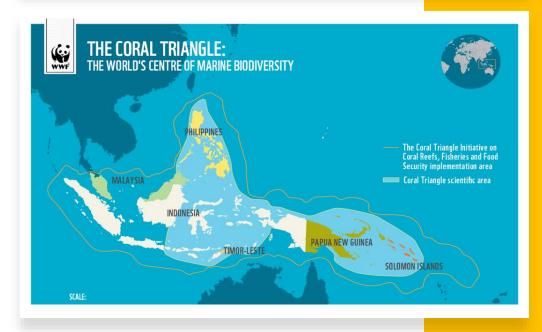
Employs 2.25 million fishers



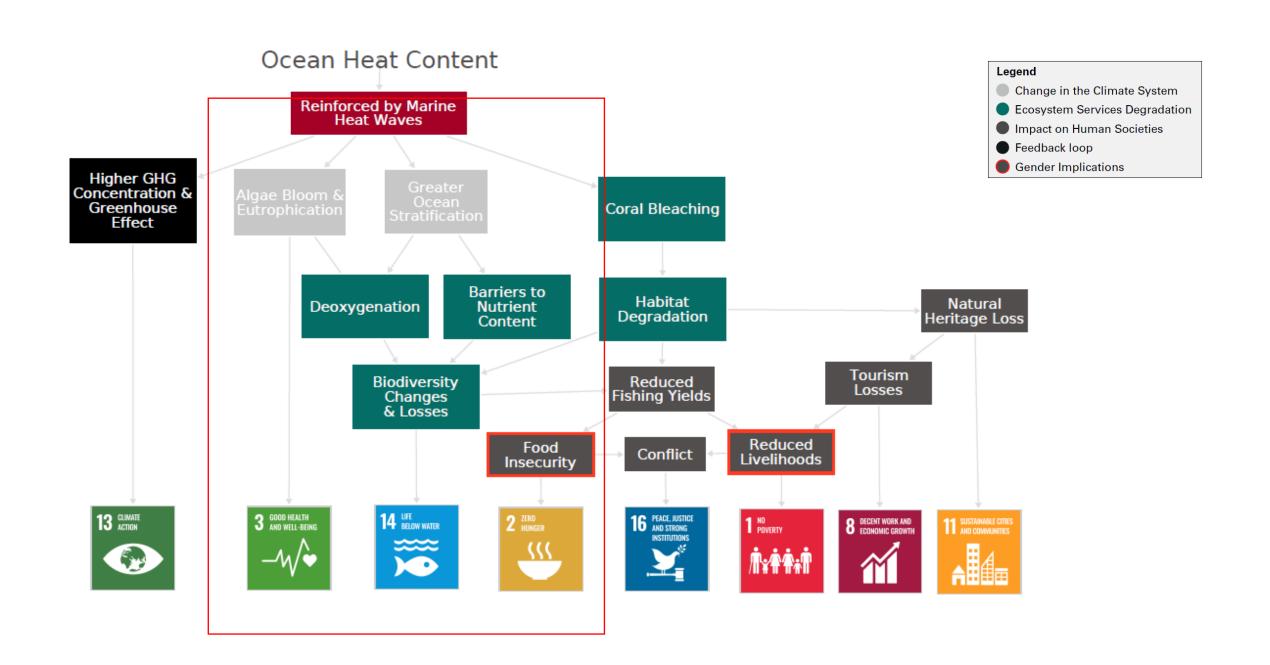


Sustains 120 million people









### Marine heatwaves



Harmful algal blooms in Hokkaido, Japan







Salmon & sea urchin die off





7.6 billion yen (€58 million) in damages



