

It's too late to be pessimistic!

Dimitri de Vreeze, Managing Board Royal DSM

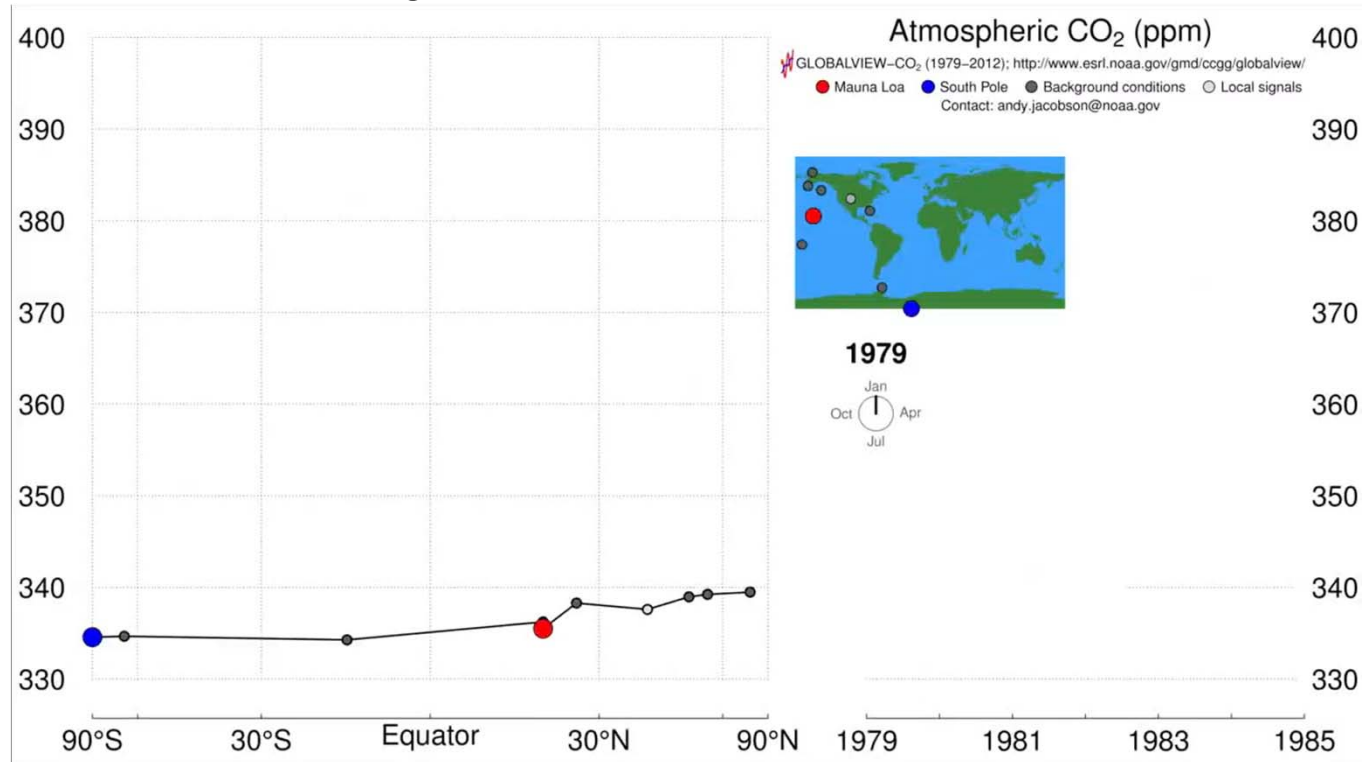
March 9 2017

Climate Change Forum, Japan





Climate Change



Remember ? Did you know?

1/3 of food goes to waste
1/3 of water used for irrigation
10% of energy demand
1,000 times of what the sun brings to earth
There will be a 2nd Climate Change

An opportunity!



Paris Dec 2015

2.0C

natural absorption of GHG 2050-2100

5 year reviews

Developed countries to mobilize climate finance for developing & most vulnerable countries





**BUSINESS BACKS
LOW-CARBON USA**

1.8 MILLION

THE NUMBER OF **EMPLOYEES** WHOSE
COMPANIES ARE CALLING FOR
A **LOW-CARBON ECONOMY**

#LowCarbonUSA



FOR INTERNAL USE ONLY



SUSTAINABLE DEVELOPMENT GOALS

17 GOALS TO TRANSFORM OUR WORLD

1 NO POVERTY 	2 ZERO HUNGER 	3 GOOD HEALTH AND WELL-BEING 	4 QUALITY EDUCATION 	5 GENDER EQUALITY 	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 	12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION 	14 LIFE BELOW WATER 	15 LIFE ON LAND 	16 PEACE, JUSTICE AND STRONG INSTITUTIONS 	17 PARTNERSHIPS FOR THE GOALS 	



EMBRACING THE GLOBAL GOALS BY 2030 COULD GENERATE OVER \$12 TRILLION OF NEW BUSINESS VALUE A YEAR

Based on estimated savings or project market sizings in each area. Rounded to nearest \$5 billion

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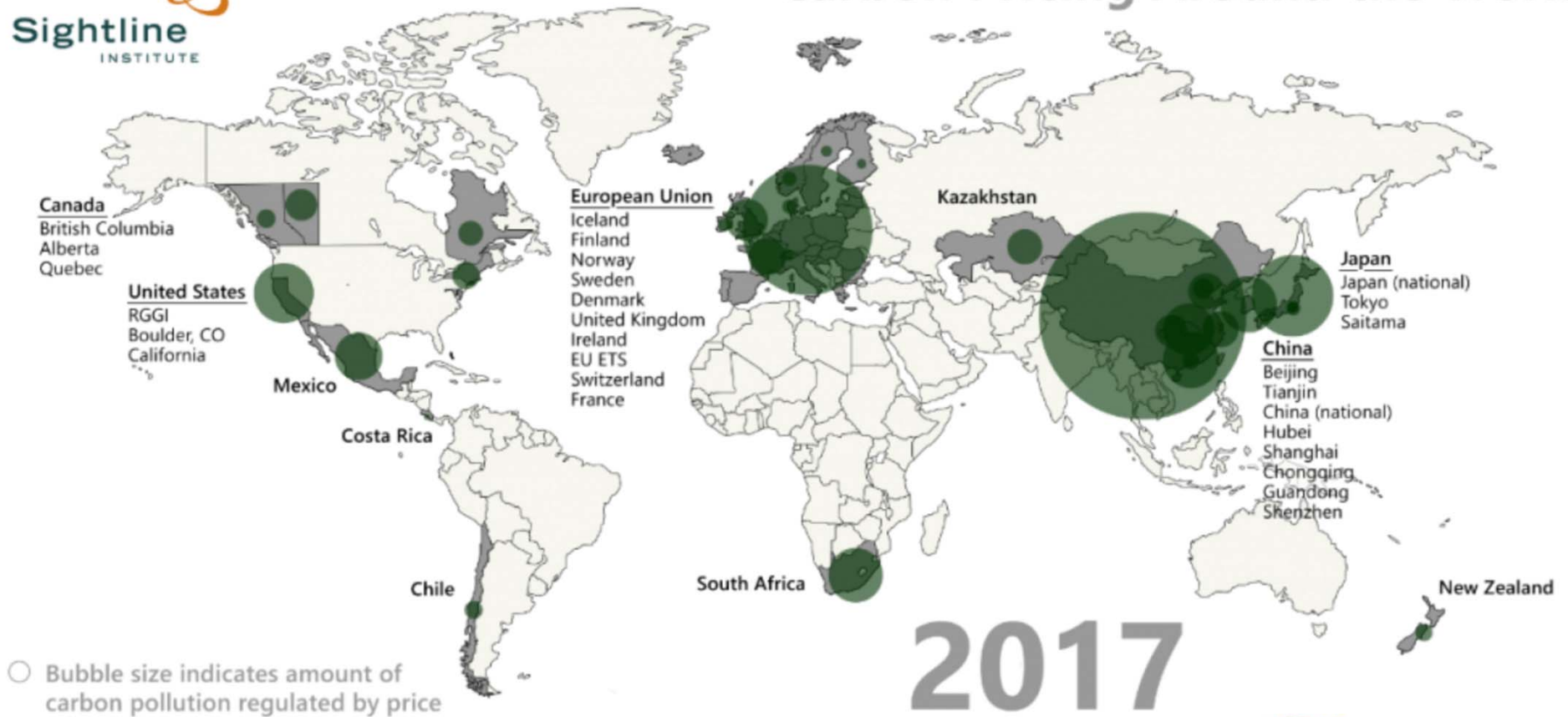
BUSINESS & SUSTAINABLE
DEVELOPMENT COMMISSION



Value of incremental opportunities in 2030

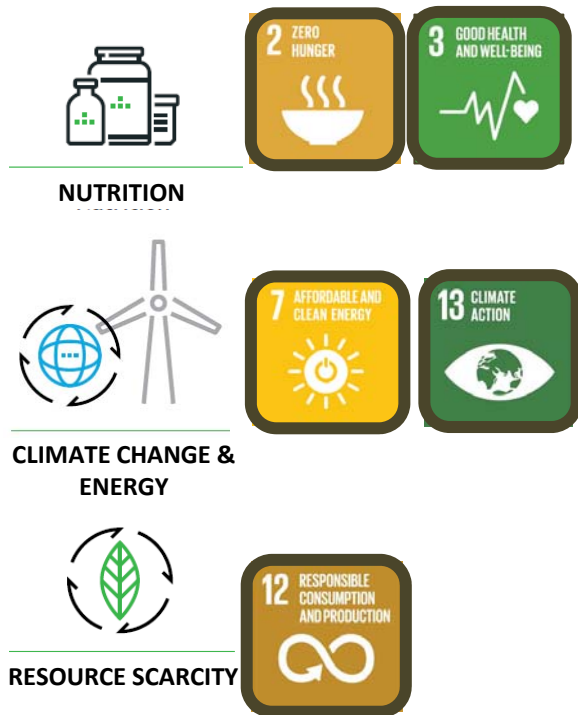
DSM
BRIGHT SCIENCE. BRIGHTER LIVING.

Carbon Pricing Around the World





DSM focus on 3 Sustainable Growth Areas



Brighter Living Solutions

Innovations and products that are better for the planet (Eco+) and people (People+) based on a product life cycle approach

ECO+



Profitable solutions with **measurably better environmental impact** than mainstream reference solution

PEOPLE+



Profitable solutions with a **measurably better impact on lives of people** than mainstream reference solution.

Brighter Living Solutions







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Value of incremental opportunities in 2030



I like the dreams of the future better
than the history of the past.

Thomas Jefferson



BRIGHT SCIENCE. BRIGHTER LIVING.™



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