DNV·GL



Sustainable Development Goals – a business narrative

Naturviterne - 8th November 2018

Bjørn Kj. Haugland, Chief Sustainability Officer & Executive Vice President

We live in an exciting era



The World in 2030: Where are we headed?



Coast of Norway 2018....

2015 – the world's turning point!

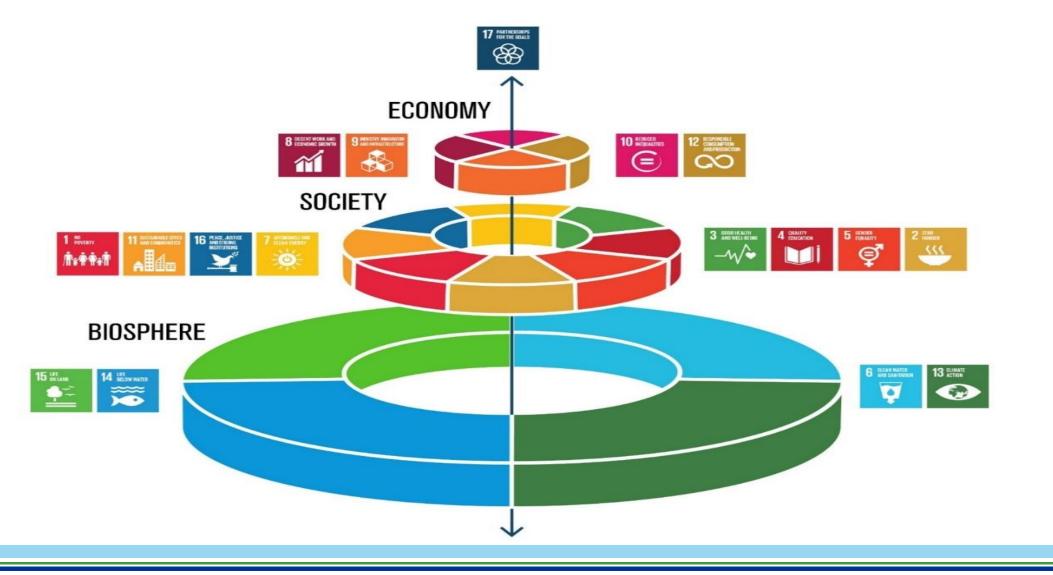


Our 2030 Forecast



		ROW	BRISE	CHINA	OECD	NSA
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 inequality					
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	Not enough data to assess				

One plan – One planet



What you need to know about the recent IPCC 1.5°C Report

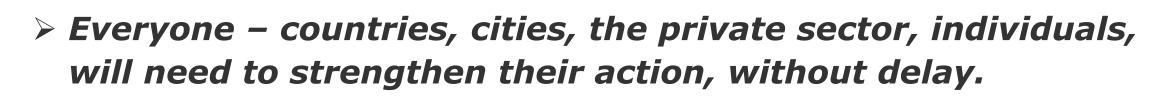
- Limiting warming to 1.5°C requires major and immediate transformation.
- > The scale of the required low-carbon transition is unprecedented.
- > Emissions will need to reach net-zero around mid-century.

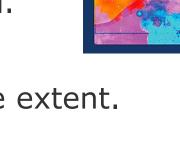
BELOW

1.5°C

> All 1.5° C emissions pathways rely upon carbon removal to some extent.

ABOVE 1.5°C





Global Warming of 1.5°



SUSTAINABLE DEVELOPMENT GOALS: EXPLORING MARITIME OPPORTUNITIES

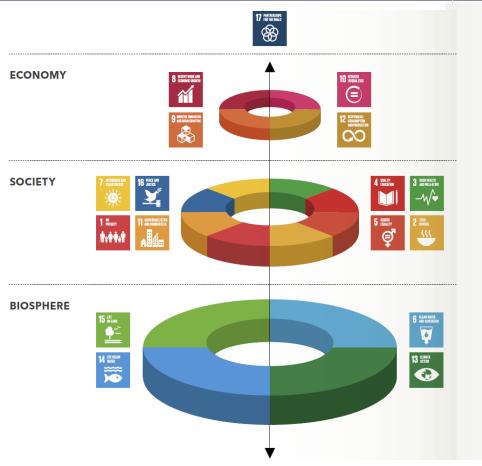
Norges Rederiforbund Norwegian Shipowners' Association





MAPPING

B





Each of the 17 SDGs has a series of targets. There are 169 targets in total. Several of these targets have low or no relevance to the shipping industry. We have reviewed all targets for each of the 17 goals and have selected those relevant for the shipping industry. For each goal, we present a summary of the relevant targets.

We have mapped the shipping industry's potential to contribute to each goal, based on the relevant targets and the contribution shipping is already making today.

Based on the mapping, we present the most business-relevant, effective and significant future opportunities for the shipping industry to contribute to the SDGs - five opportunity areas. Given the interdependence across all the SDGs, we highlight that actions in one area can directly or indirectly contribute to several goals.

OPPORTUNITIES

C



FIVE OPPORTUNITY AREAS



Ocean opportunities towards 2030

1) Act on the Paris Agreement

2) Build sustainable communities & infrastructure

3) Protect life in the oceans

4) Create a sustainable future for the ocean economy

5) Promote responsible practices









The Power of standards to reach the SDG's

- Framework for effective and efficient operation
- Trust instrument for international trade
- Drive transparency in business and value chains





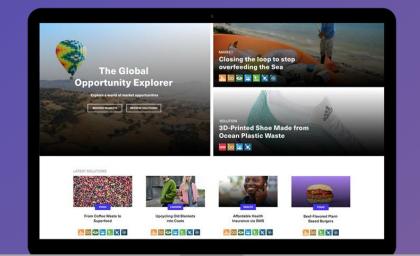


s your supply chain fit for the future?

- 1. Establish baseline
- 2. Assess the goals, involve **all** your stakeholders
- 3. Select those that are relevant today and those who inspire development
- 4. Establish means and actions (short & long term)
- 5. Share your work-program and progress internally and externally







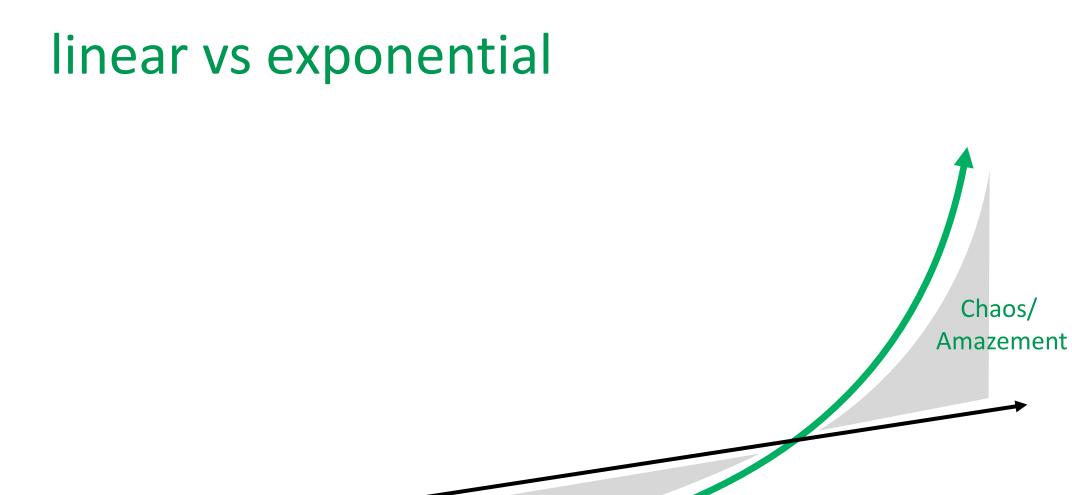
1000 solutions «at your fingertips»

www.globalopportunityexplorer.org



GLOBAL OPPORTUNITY REPORT 2018

06 NOVEITIDEI 2016



Disappointment



Kodak digital camera - 1975



- ✓ 100 x 100 pixel resolution
- \checkmark 23 seconds for 1 exposure
- ✓ Storage for 1 photo
- ✓ > \$10,000



The Good Life 1.0



<u>The Good Life 2.0</u> – from living bigger to living better



Virginie Helias, VP Global Sustainability at P&G,

Global reach – local competence



Thank you!

Purpose	To safeguard life, property and the environment				
Vision	Global impact for a safe and sustainable future				