



## **LOGISTICS & MARITIME FORUM**

European trends and regional perspectives

15-16 February 2017, Piacenza Expo

## Titolo

Carl Carlsson, CEO, Zero Vision Tool (ZVT)





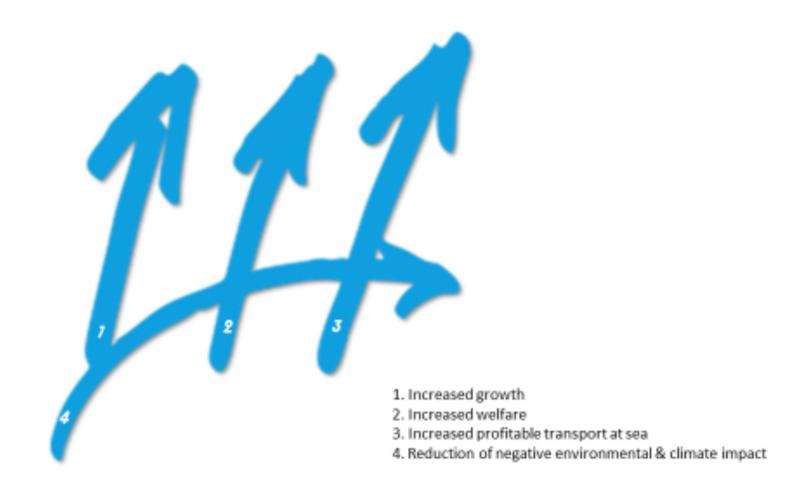
## **ZERO VISION TOOL**

A method and collaboration platform for a safer, more environmentally, climate and energy efficient while still profitable transport at sea





## VISION









## **CHANGE - STEP BY STEP**



 Understand the need for change Diagnosting the system 3. Create a pionering practice  Enable the tipping point Sustain the transition Establish the new normal







### **METHOD & PROCESS**



A joint solution is suggested to reach the holders agree on aims and vision zero progress expectations

### Included working areas



What and how are the following affected by the suggested solution; vessel, infrastructure, finance, regulations and R&D

### RGG traffic lights









Reporting (from JIPs, JUPs, JAPs) What is solved, what needs to be discussed further, what needs an extarnal party to reach the vision zero



#### Wider benefits



The benefit to society and sea, when using a safer and more environmentally, climate and energy efficeint transport at sea

#### Dissemination



Shared knowledge via among other things lessons learned and results at conferences, video, web and social media

#### Collaborations



Collaboation both internal and external, suche as HELCOM, CBSS, ESSF and other branches to solve issues and reach the vision zero



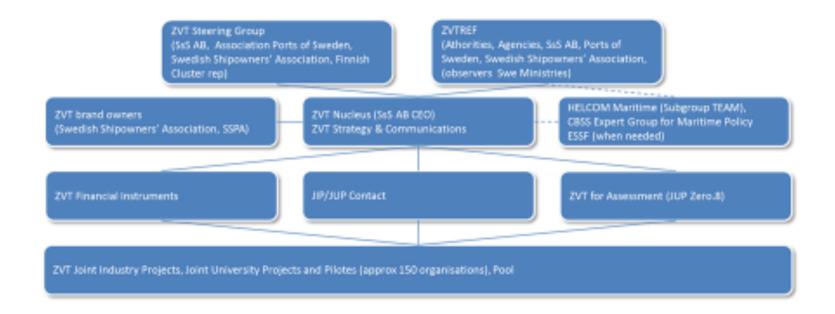
RGG reports are compiled for info to governmental bodies, for them to solve or to take issues further in Europe or globally







## **ORGANISATION**





















via LinkedIn & Twitter

via PodRadio & Youtube

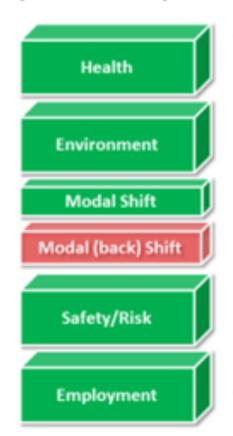




## MEASUREMENT & VERIFYING of the;

"Benefit to the Society and the Sea"

ZERO.8





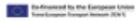
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## MEASUREMENT & VERIFYING of the;

"Benefit to the Society and the Sea"

ZERO.8

	LNG (New building)	LNG (Retrofit)	Methanol (Retrofit)
Results		- The state of the	The state of the s
Human health	510-2500	380 - 1900	260-1300 (5 400 SCR) k€
Climate	31-320	7-77	21-220 k€
Сгор	25	19	190 k€
Sum	570-2900	410-2000	380-1600 (5700SCR) k€





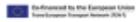






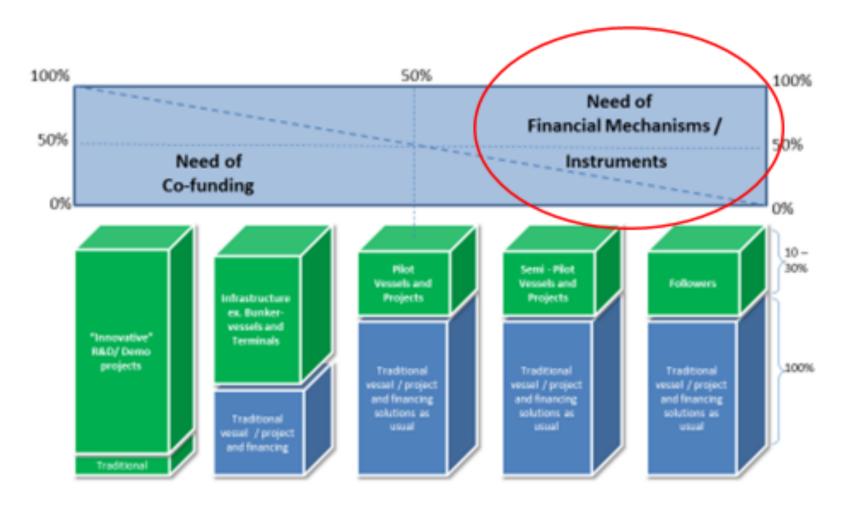






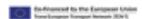








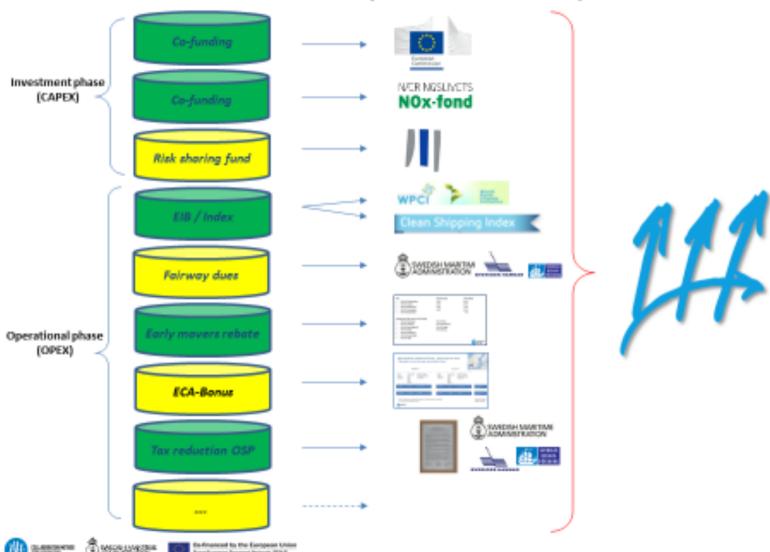








## FINANCIAL MECHANISMS (CAPEX & OPEX)





## **THANK YOU**

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