



## 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

BILOG: 14.02.2017







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## VISION

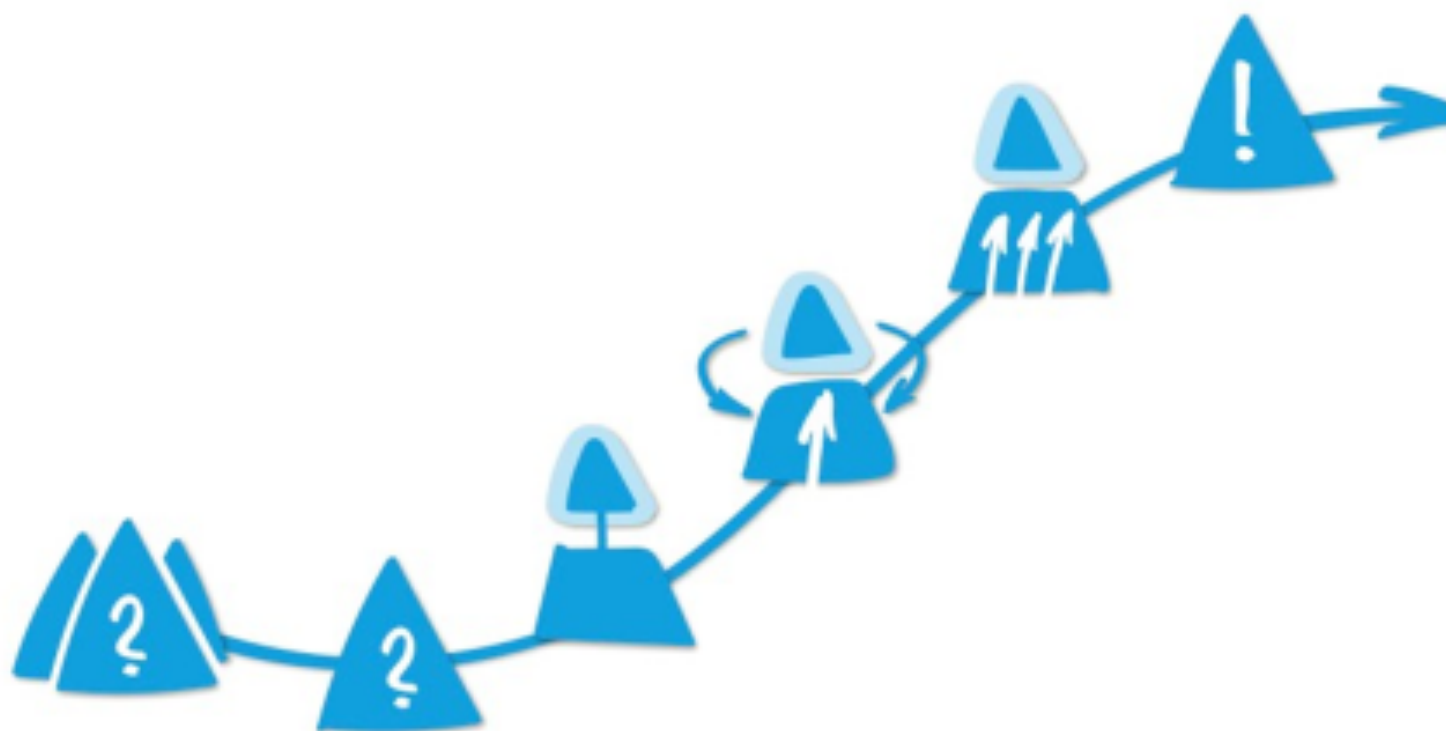


1. Increased growth
2. Increased welfare
3. Increased profitable transport at sea
4. Reduction of negative environmental & climate impact





## CHANGE - STEP BY STEP



1. Understand the  
need for change

2. Diagnosing  
the system

3. Create a  
pionering  
practice

4. Enable the  
tipping point

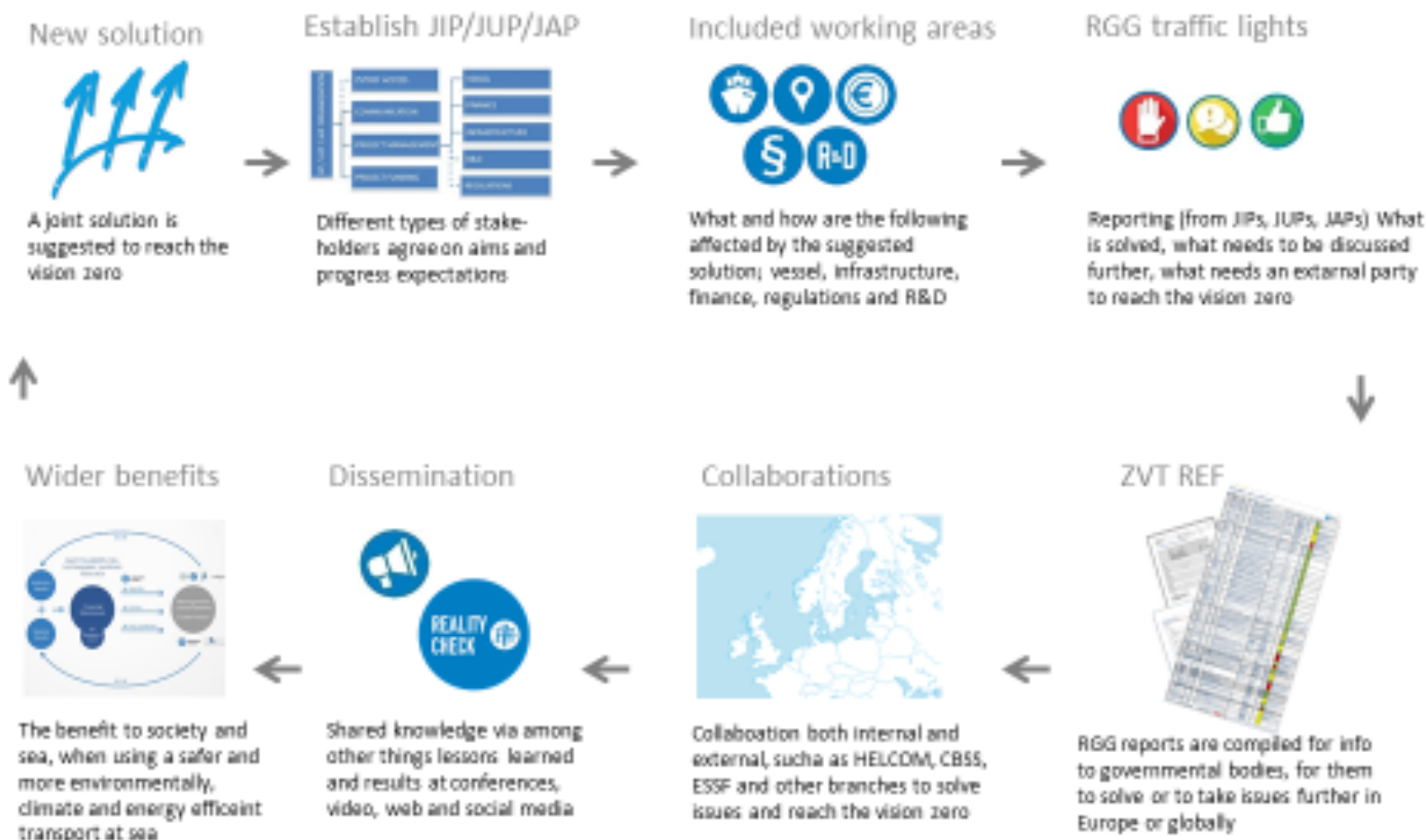
5. Sustain the  
transition

6. Establish the  
new normal





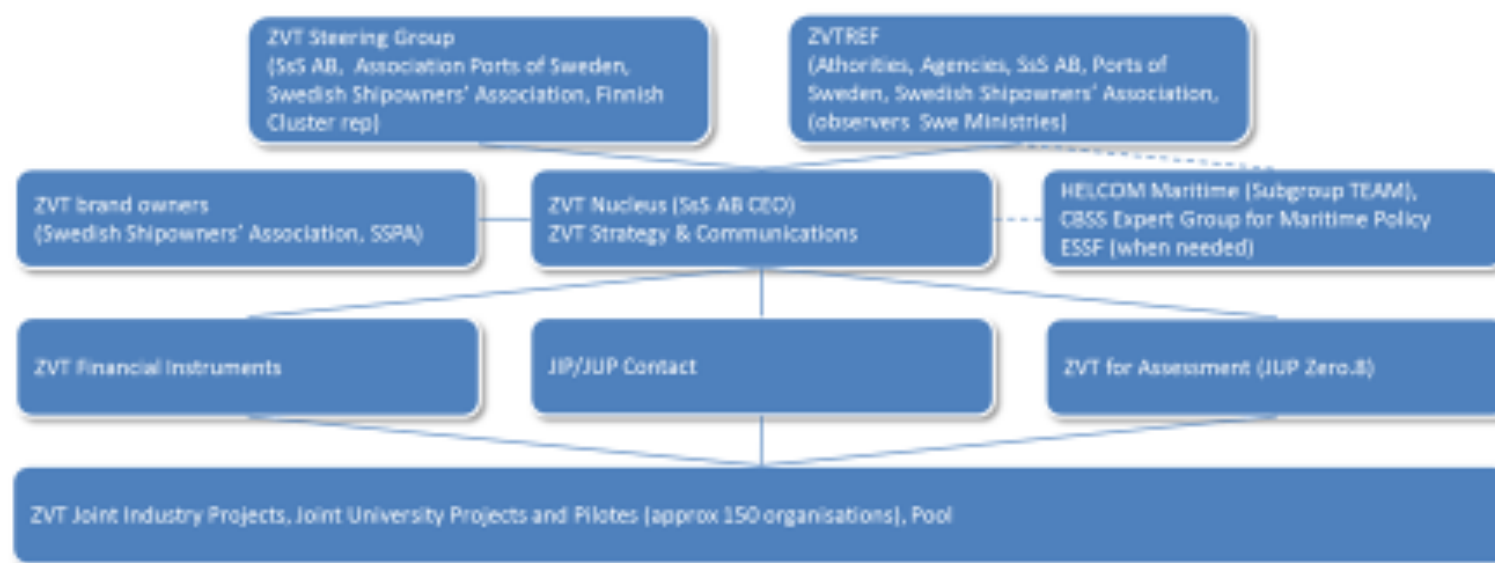
## METHOD & PROCESS







## ORGANISATION







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## RESULTS



Co-financed by the European Union  
Under European Transport Network (TEN-T)





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## KNOWLEDGE SHARING



via JIP sites  
& zerovisiontool.com



via workshops,

conferences & seminars



via PodRadio & Youtube



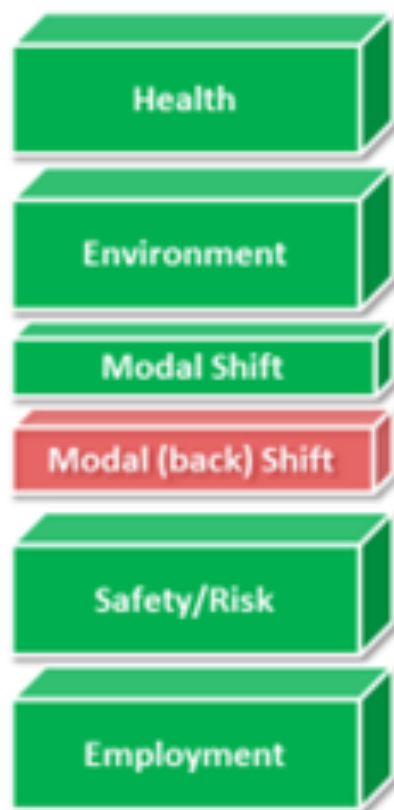
via LinkedIn & Twitter





## MEASUREMENT & VERIFYING of the; *"Benefit to the Society and the Sea"*

**ZERO.8**



**Ton and Euro?**







## MEASUREMENT & VERIFYING of the; *"Benefit to the Society and the Sea"*

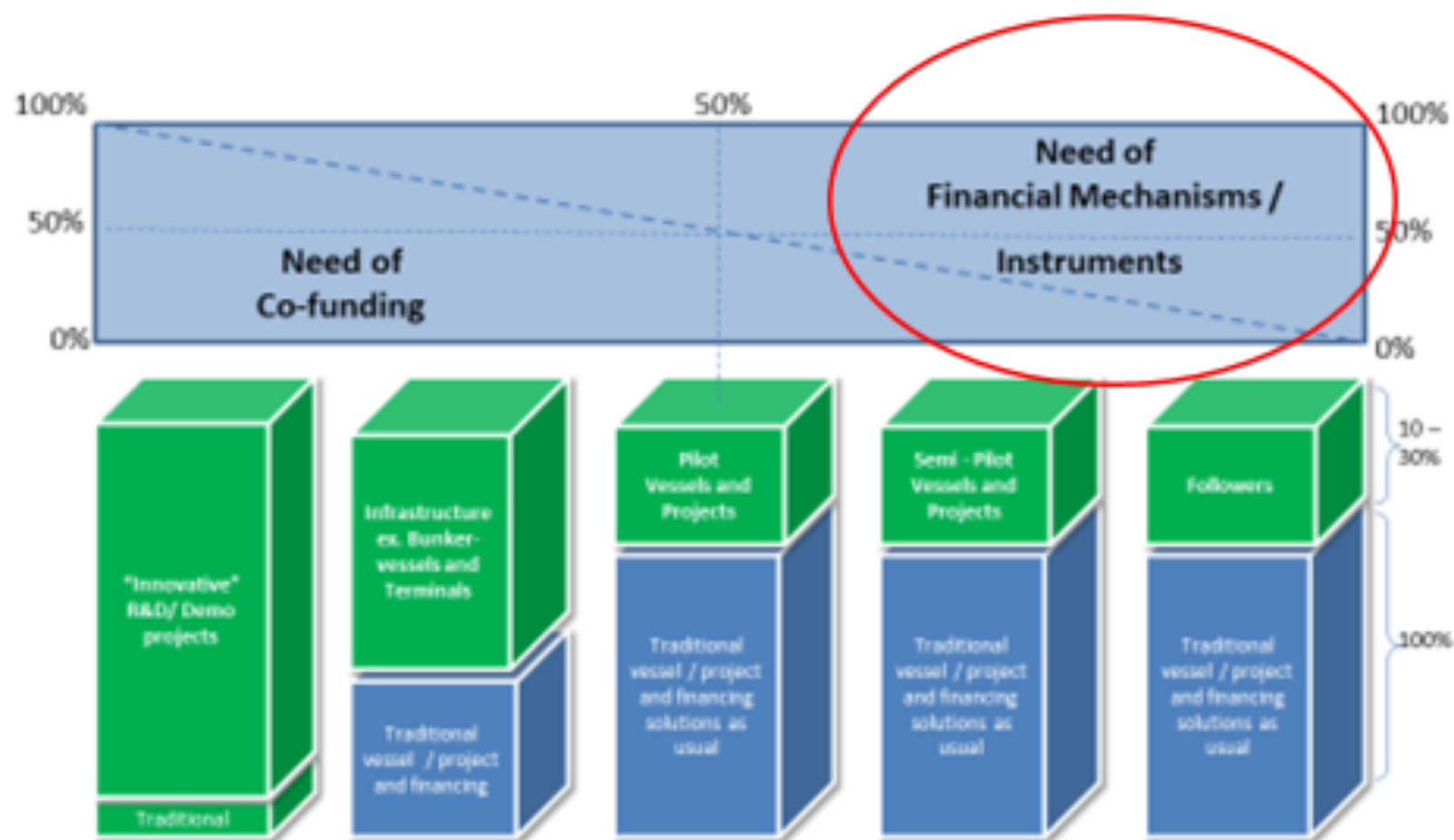
**ZERO.8**

	LNG (New building)	LNG (Retrofit)	Methanol (Retrofit)	
				
Results				
Human health	510-2500	380 - 1900	260-1300 (5 400 SCR)	k€
Climate	31-320	7-77	21-220	k€
Crop	25	19	100	k€
Sum	570-2900	410-2000	380-1600 (5700SCR)	k€





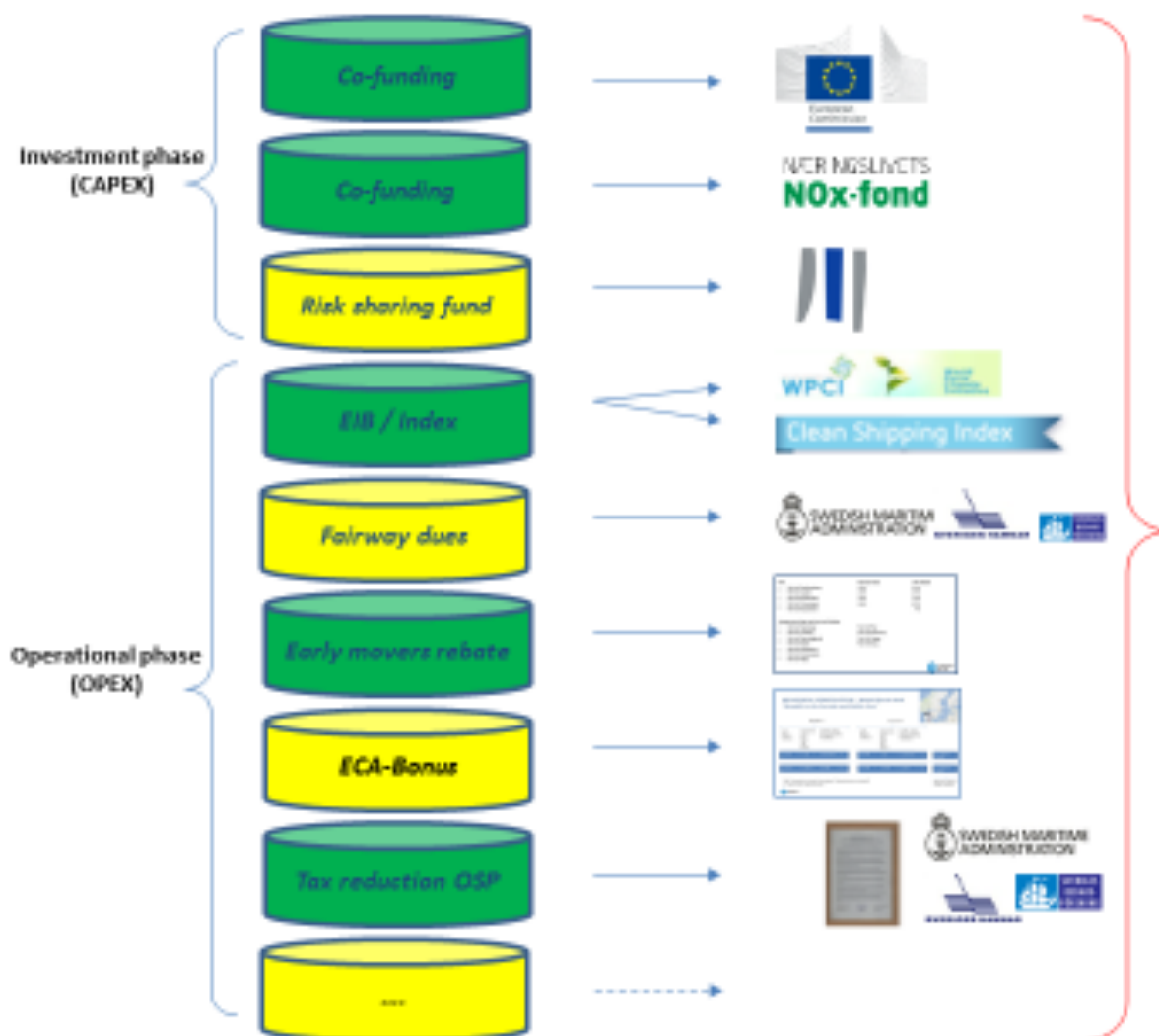
## TYPES OF SUPPORT for a PARADIGM SHIFT







## FINANCIAL MECHANISMS (CAPEX & OPEX)







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# THANK YOU

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