

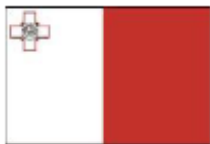
Marine Intelligence - the value of data for sea-based applications

Half-day seminar organised by the Physical Oceanography Research Group, Dept. of Geosciences, Univ. of Malta
Maltese Member of the COPERNICUS Academy Network

db San Antonio Hotel, Qawra ~~~ 18th April 2018



INTRODUCING THE SEMINAR



INTERREG V-A Italy-Malta Programme
Project part financed by the European Union
European Regional Development Fund (ERDF)
Co-financing rate: 85% EU Funds; 15% National Funds



25 years

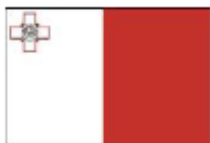
Intelligence - the value of data for sea-based applications

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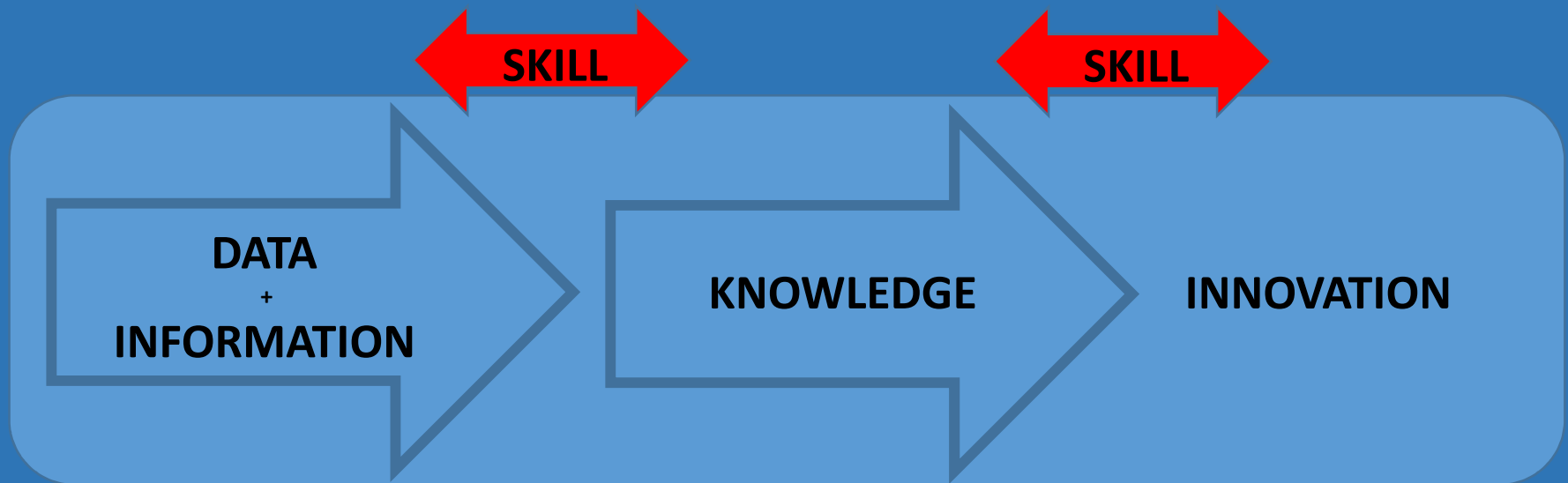
Celebrating the 25th Anniversary



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MARINE INTELLIGENCE



WHAT IS INNOVATION?

$$A + B = C$$

Current product

$$A + B = C'$$

Change ingredient

$$A \sim B = C''$$

Change process

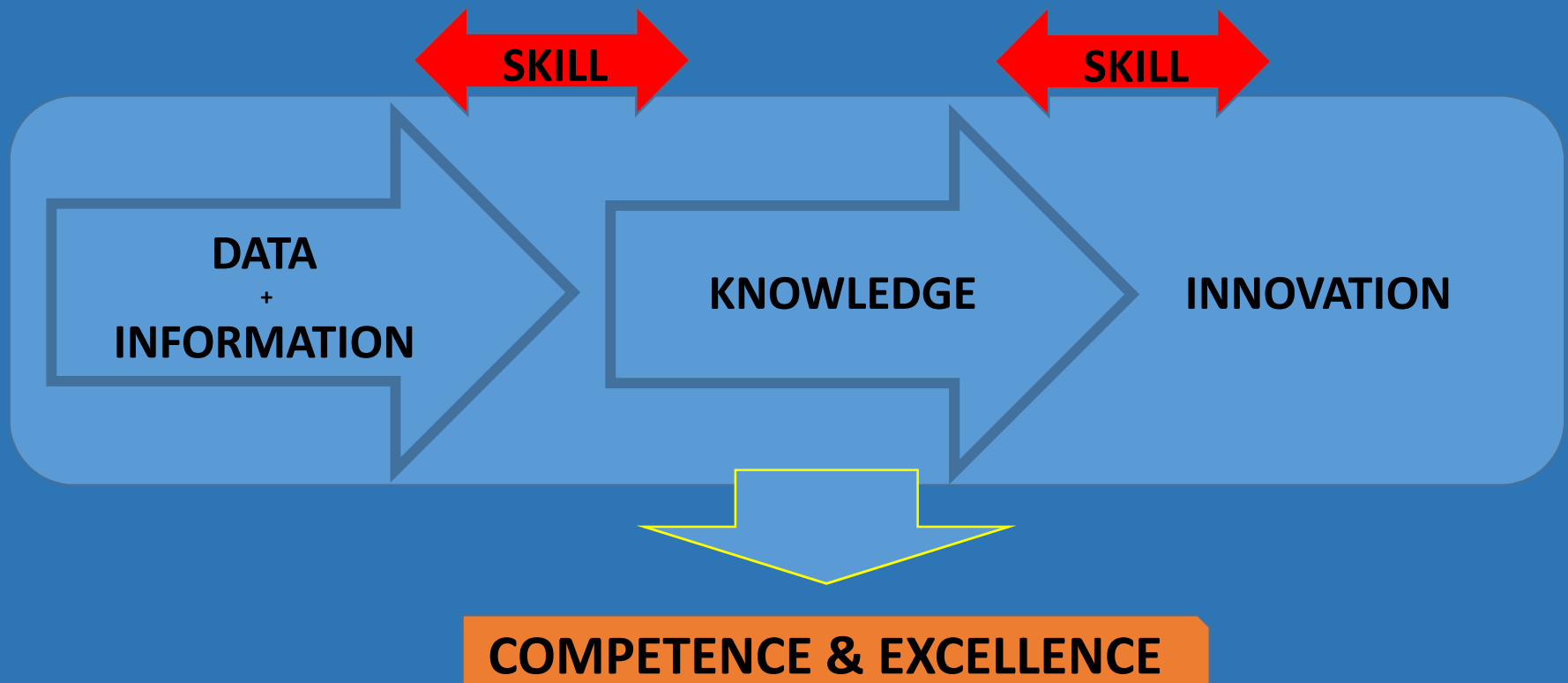
$$A + B + x = D$$

Add ingredient

$$P + Q = R$$

Completely new

MARINE INTELLIGENCE



The evolving data value chain.....

DATA → INFORMATION → KNOWLEDGE

OBSERVATIONS → ADDITIONAL PRODUCTS → APPLICATIONS

**information networks
for integrated services**

integration of information

across scales: global – regional – local

cross sectors: climate – geophysical – fisheries – other

across sectors: environment – social – economical