

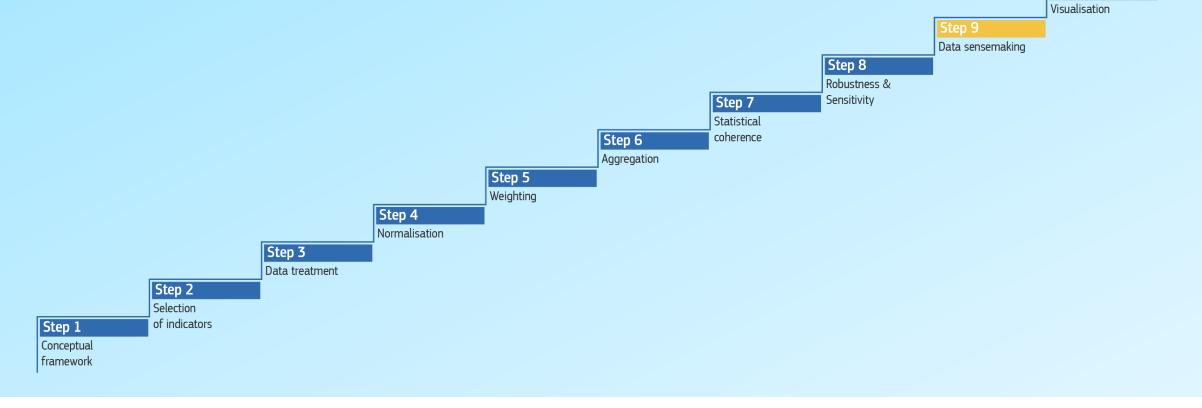
# Step 9 Data sensemaking

18th JRC Annual training on Composite Indicators and Scoreboards

Valentina Montalto



## 10 STEPS to build a Composite Indicator

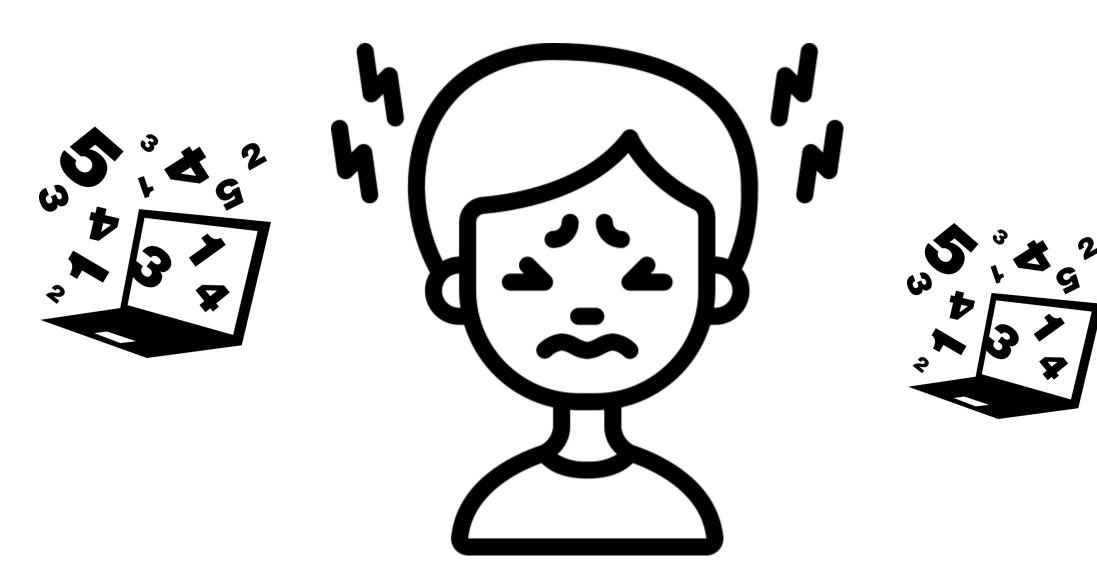




Step 10



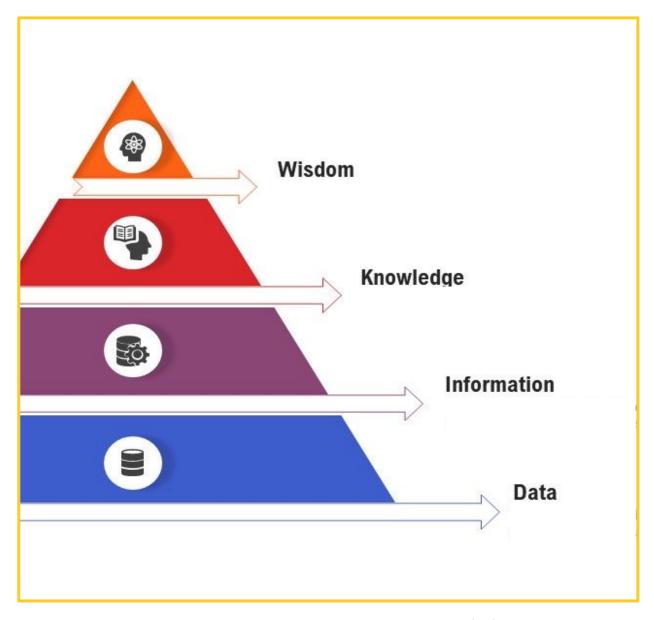






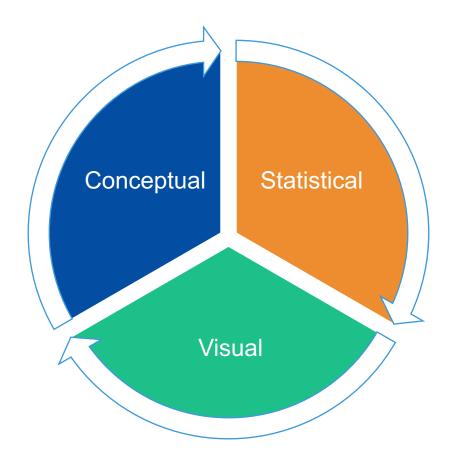
"If "data is the new oil", just as oil is only useful once it's refined, data is only useful once we process it into understanding".

Stephen Few





## Three skills sets needed





## Our focus: composite indicators

a. Detect stories behind the aggregate numbers

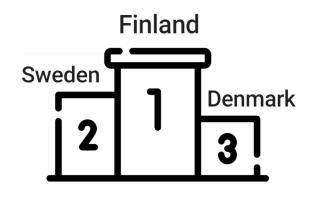
b. Identify reference points for meaningful comparisons

c. Connect your index to external variables to detect drivers or trade-offs



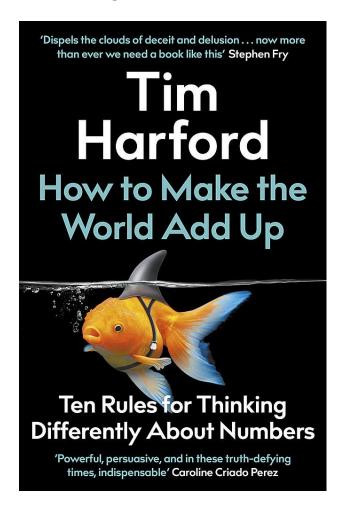
#### a. Detect stories behind the aggregate numbers

#### Sustainable Development Goals (SDG) Index 2021









"When we struggle to understand a number, various aspects can help clarify our ideas: first of all, the language we use. Second [...] we need points of reference: contextualize or use a number we know are two useful tactics."



#### **Cultural and Creative Cities Monitor 2019**

#### Copenhagen



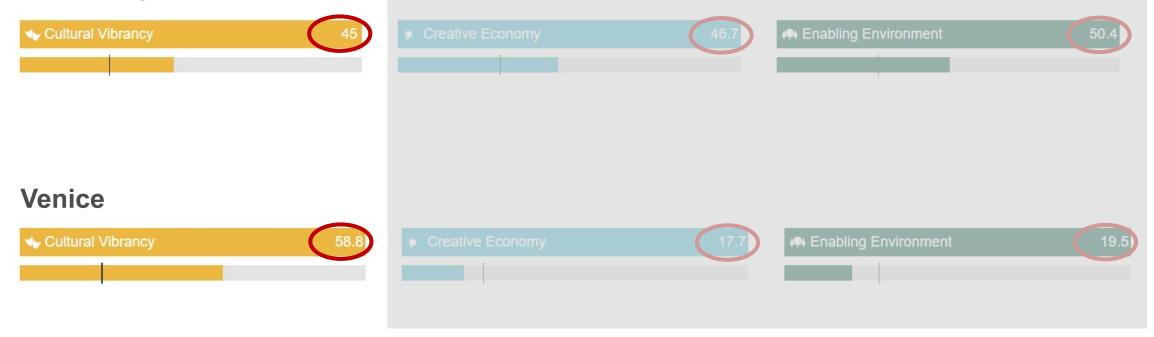
#### **Venice**





#### **Cultural and Creative Cities Monitor 2019**

#### Copenhagen



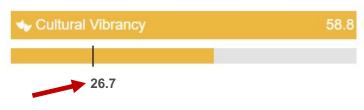


#### **Cultural and Creative Cities Monitor 2019**

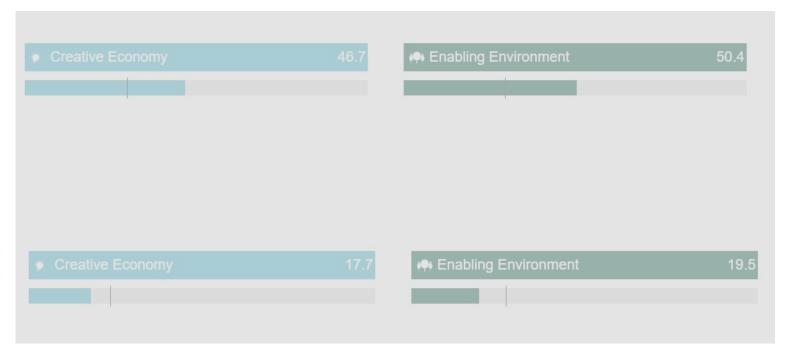
#### Copenhagen



#### Venice

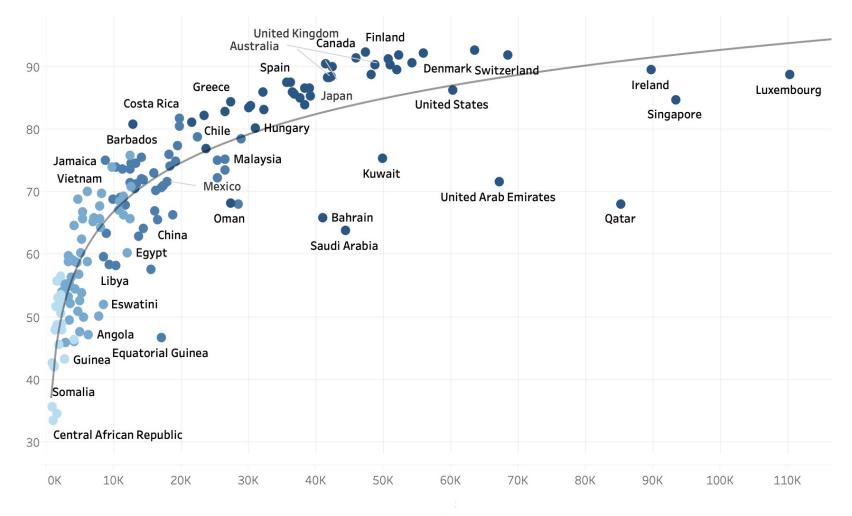


Average score peer GDP group (Weimar, Galway, Heidelberg, ...)

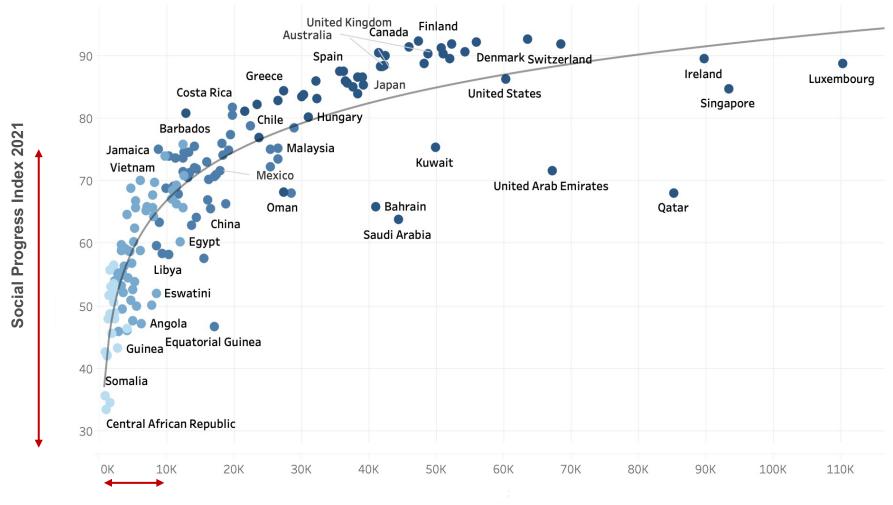




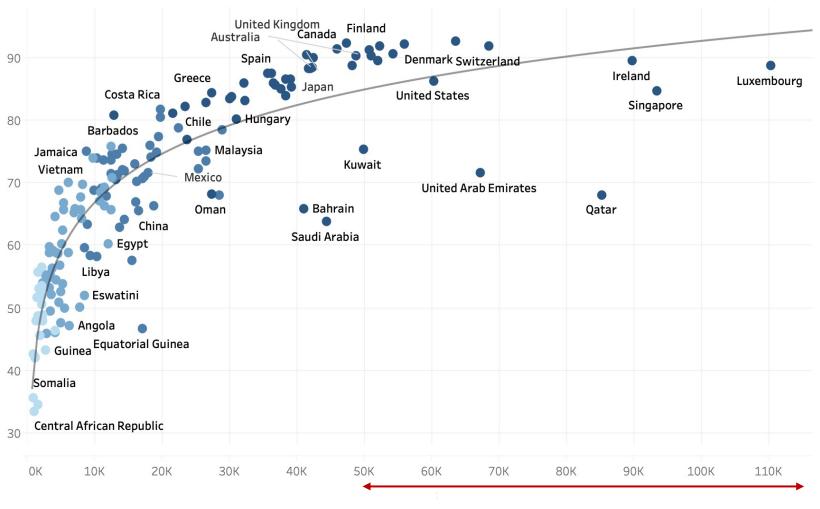




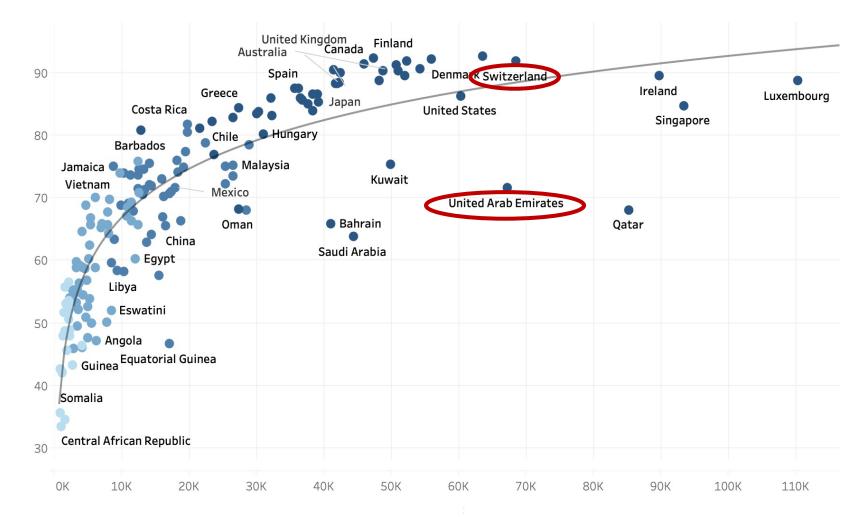






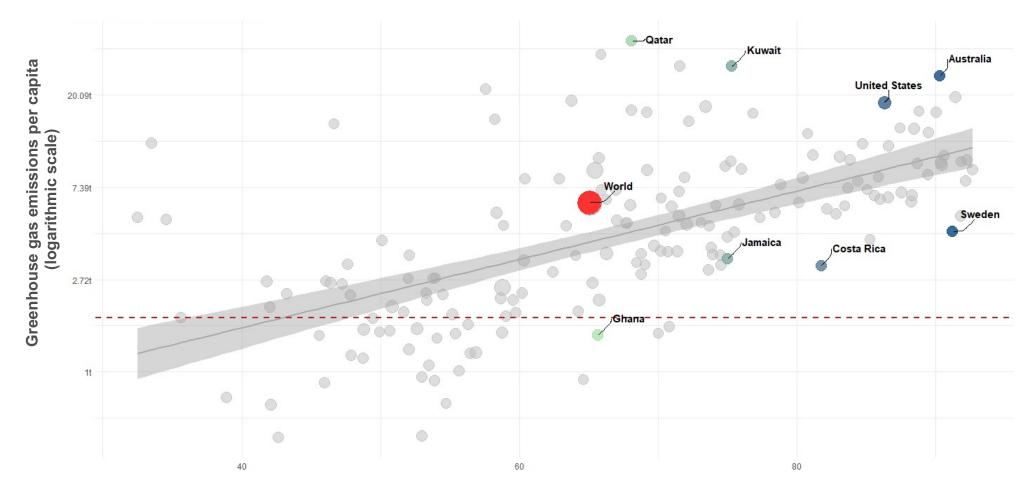


Social Progress Index





Social Progress Index





## COIN's takeaway ©

Primarily a human activity

Analyst's ability to connect the dots

> 'Augmented' statistical skills



## "Simplicity is the ultimate sophistication."

Leonardo da Vinci



## Thank you



<u>Valentina.MONTALTO@ec.europa.eu</u> | <u>jrc-coin@ec.europa.eu</u>



composite-indicators.jrc.ec.europa.eu



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