

An underwater scene showing a clear blue sea with various fish swimming. A large, crumpled plastic bottle is visible near the surface, partially submerged. The overall tone is somber due to the presence of the plastic waste.

LAB PLAS

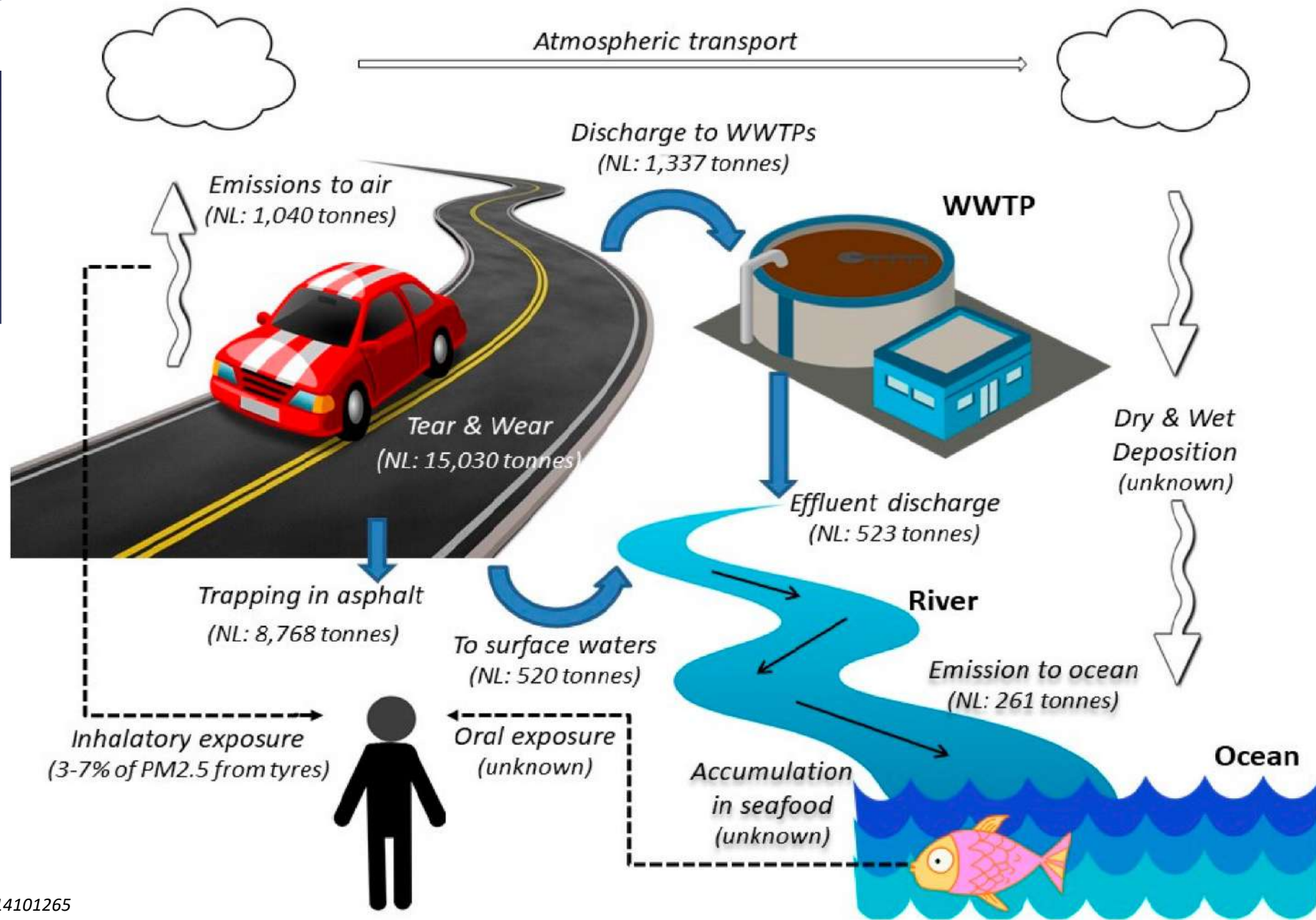
AGAINST PLASTIC
POLLUTION

Land-Based Solutions
for Plastics in the Sea.

Estimating and reducing car tyre emissions in collaboration with stakeholders

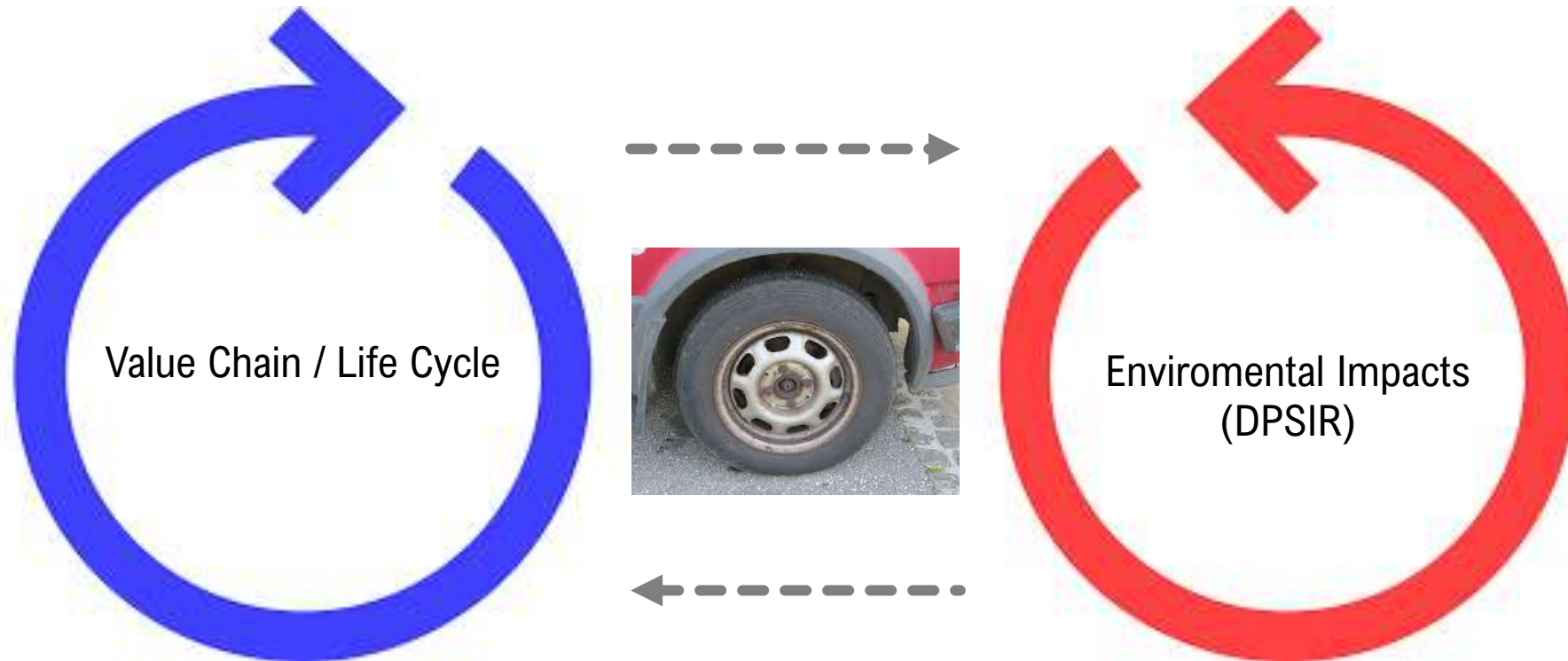
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The Tyre Wear Problem



Kole et al. 2017 IJERPH 14, 1265; doi:10.3390/ijerph14101265

The Search for Solutions

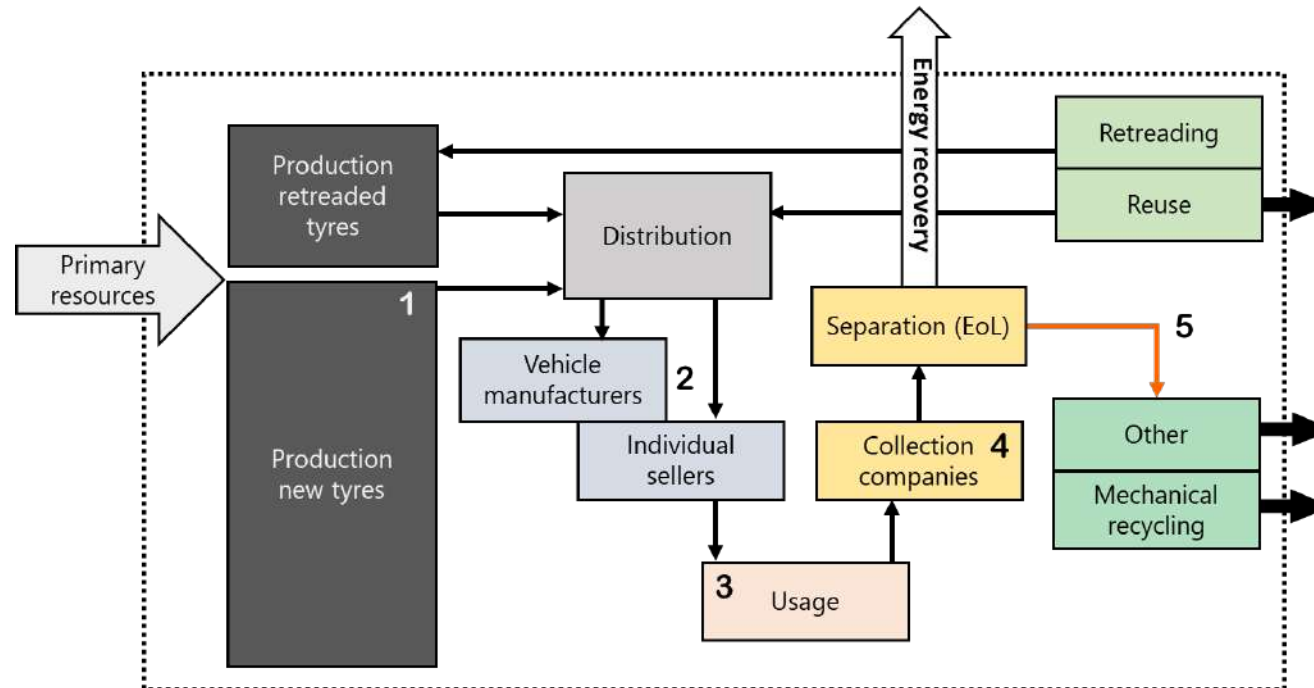


Hypothesis & research steps

Collaboration between stakeholders involved in the environmental impact chain and the value chain will result in a more effective and efficient mitigation strategy:

- ▶ Develop a common understanding of the problem:
 - Mapping the value chain / life cycle of car tyres, including stakeholders
 - Modelling the environmental impact chain (emissions, fate, exposure, impacts)
 - Quantifying emissions and translate into impacts
- ▶ Develop a mitigation strategy in collaboration with stakeholders:
 - Identify potential mitigation options (stakeholders)
 - Develop a mitigation strategy using iterative modelling

Value Chain & Actors



THANK YOU

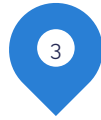


Roadmap

Blue is the colour of the clear sky and the deep sea



Red is the colour of danger and courage



Black is the color of ebony and of outer space



Yellow is the color of gold, butter and ripe lemons

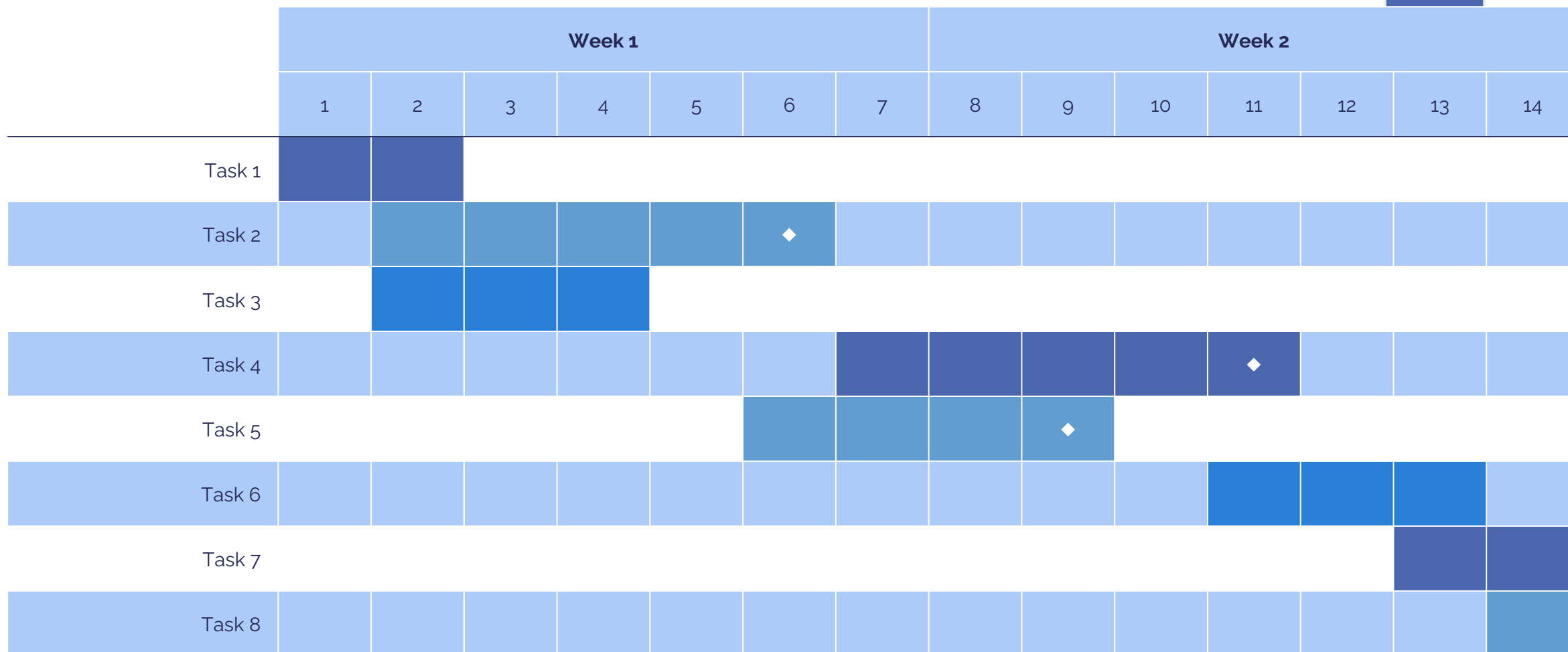


White is the color of milk and fresh snow

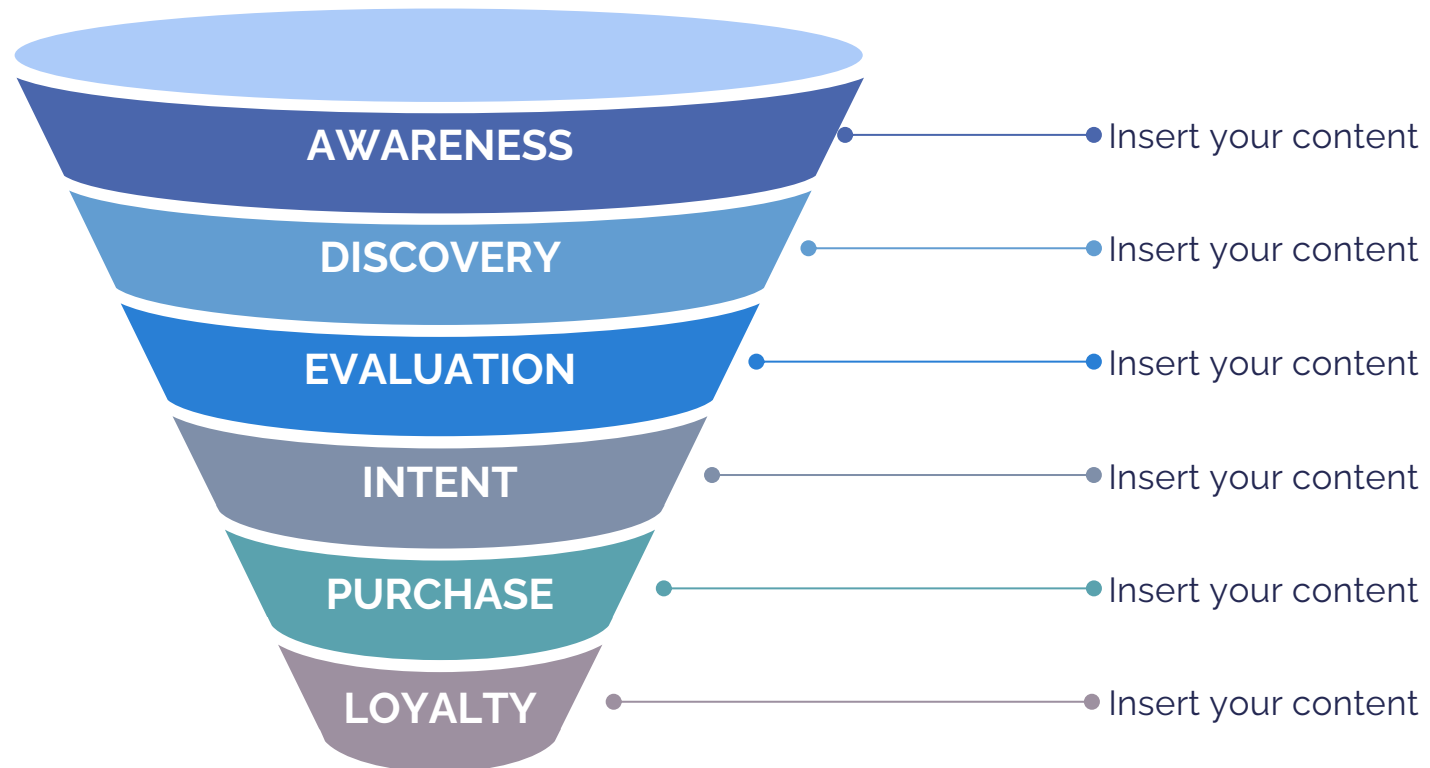


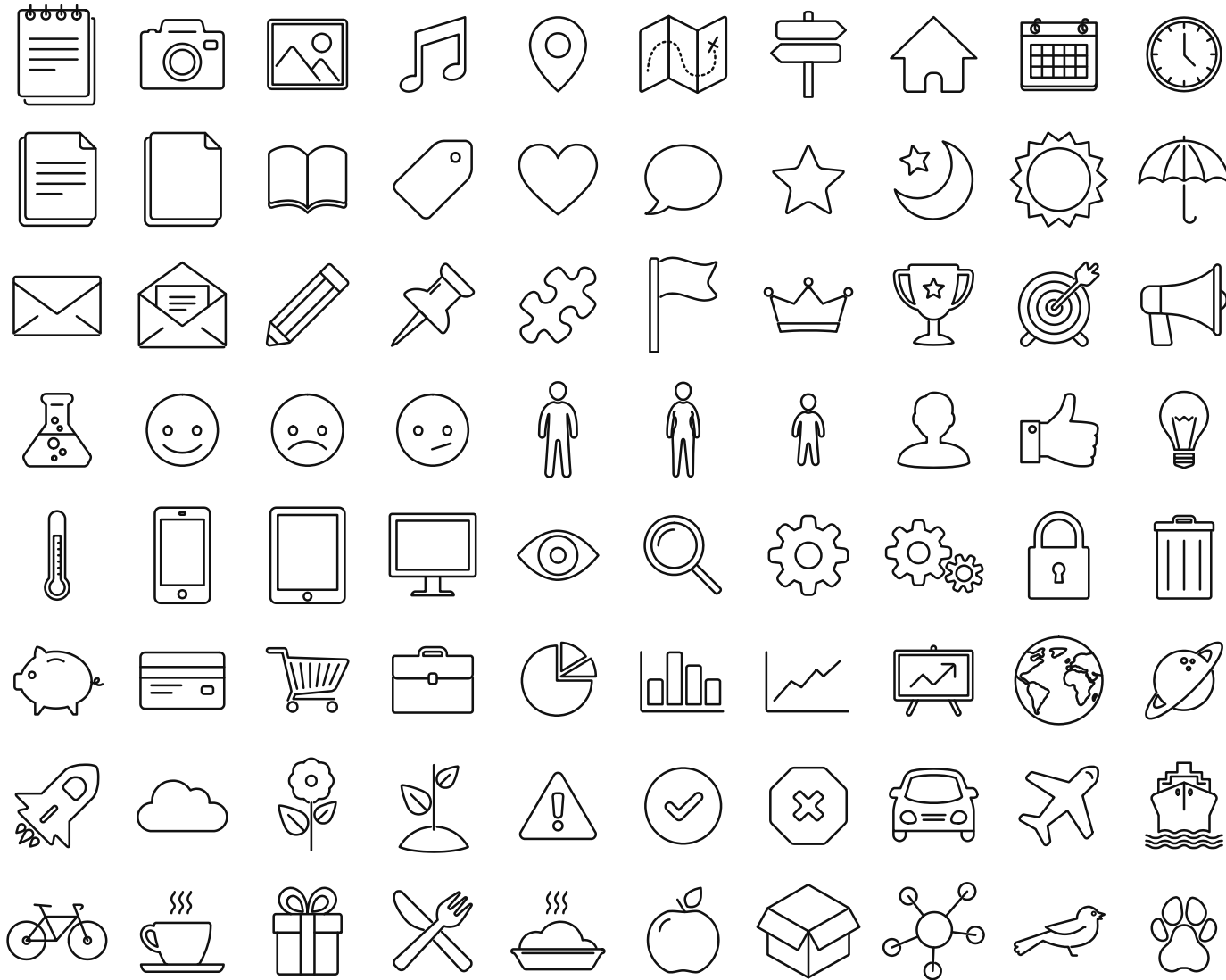
Blue is the colour of the clear sky and the deep sea





Funnel





Icons and editable shapes.

This means that you can:

- Resize them without losing quality.
- Change line color, width and style.

