



Biomimicry: Are the answers in nature?



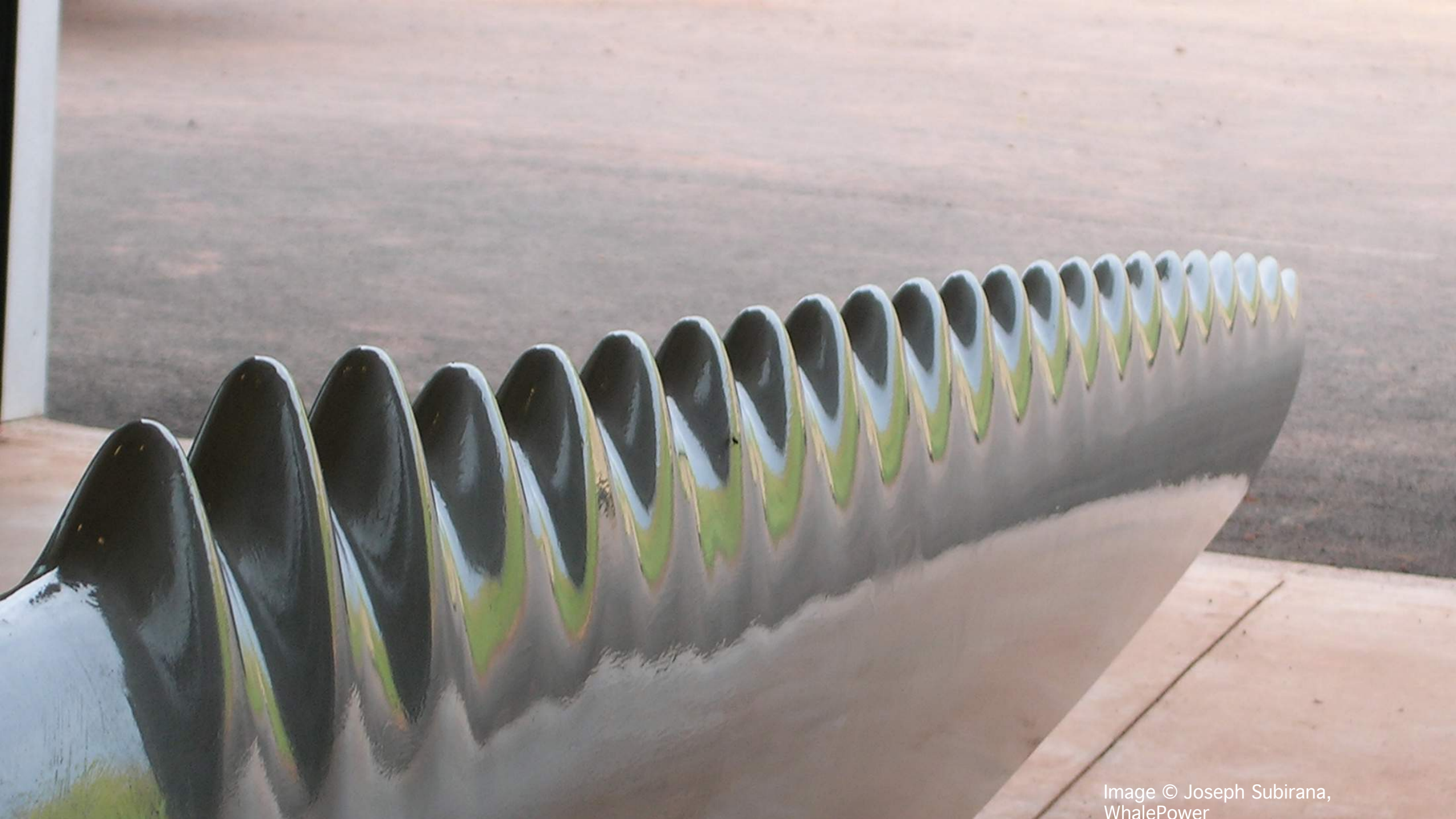
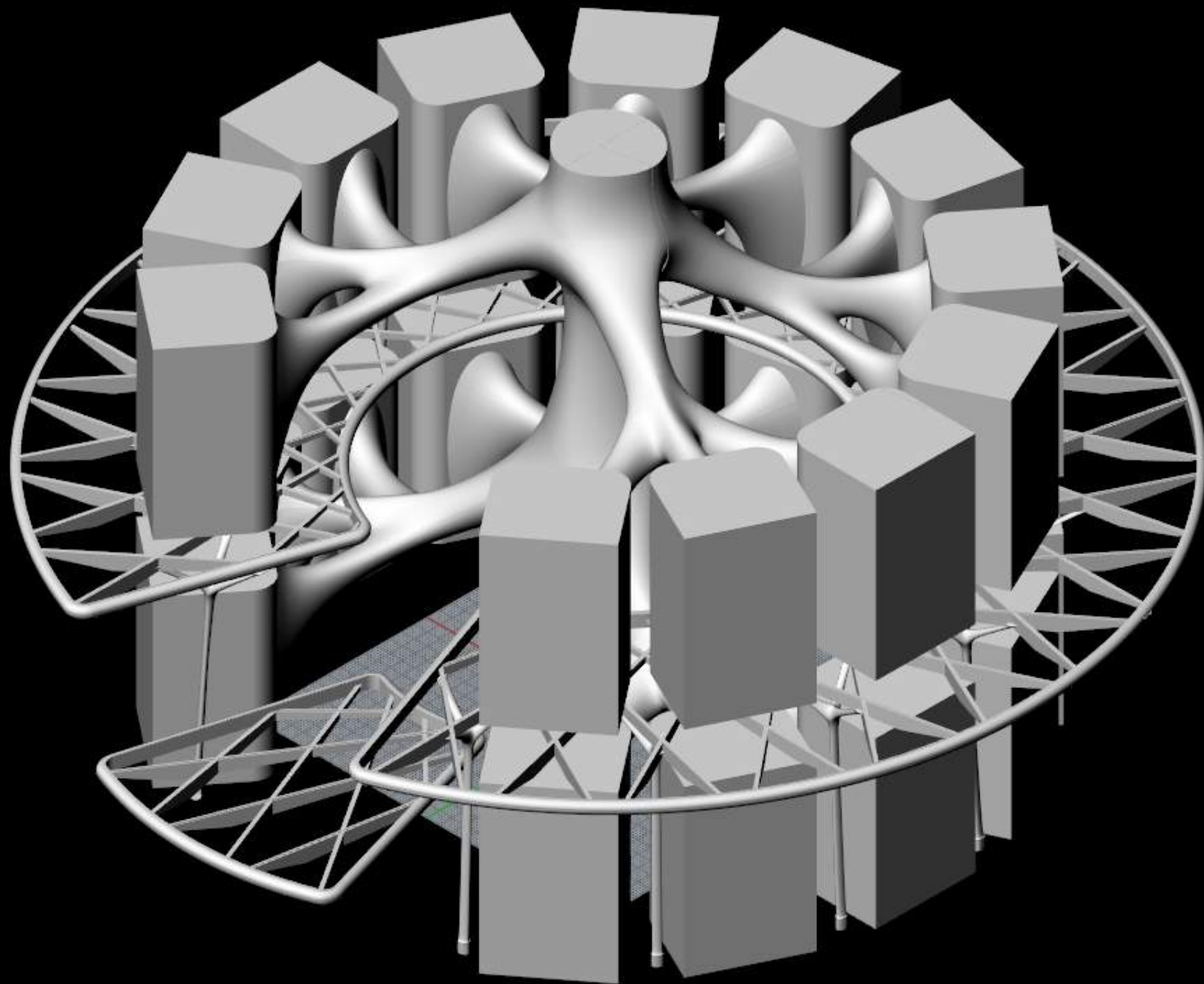


Image © Joseph Subirana,
WhalePower



The Mountain Data Centre

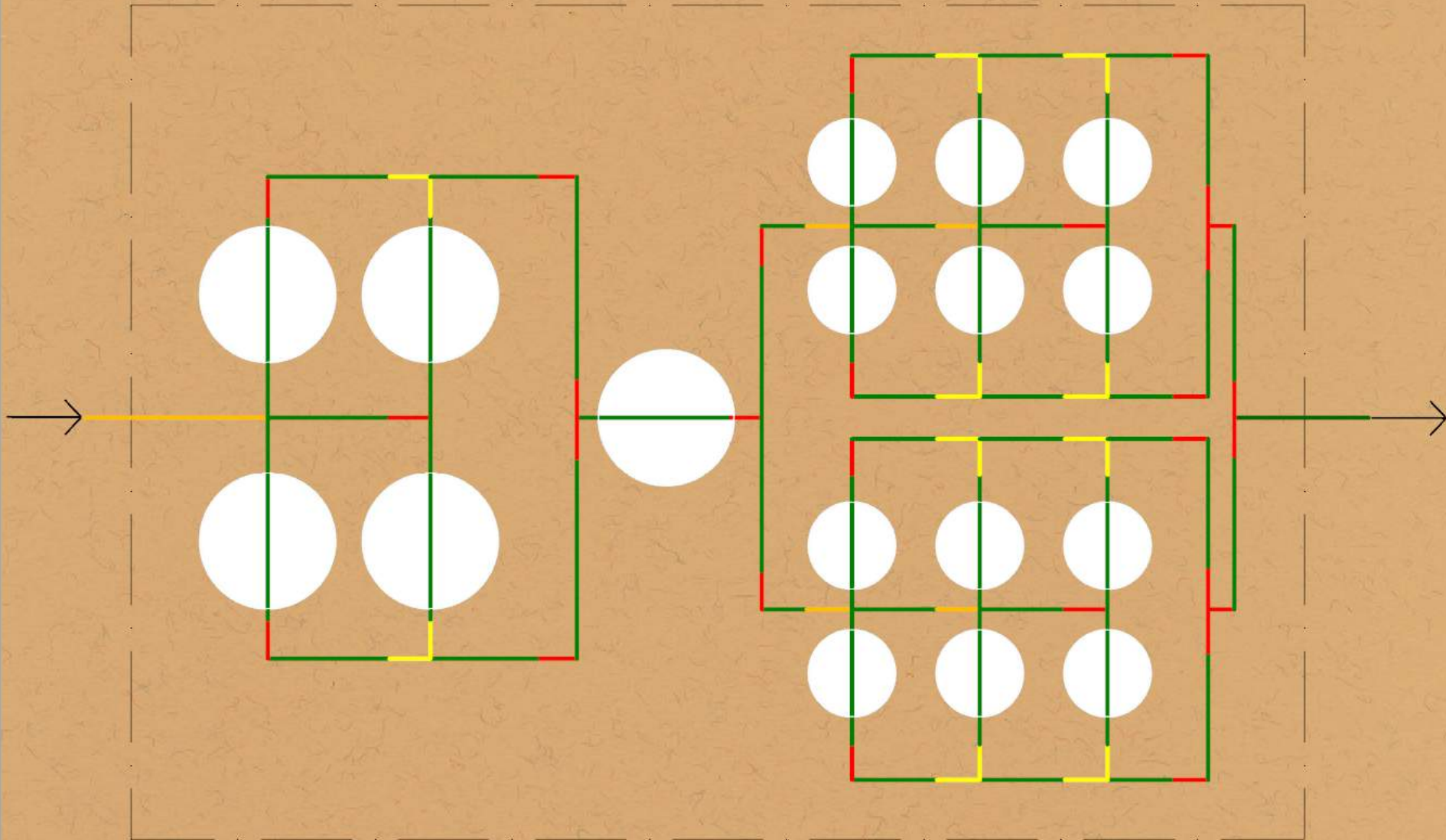








FLOW OPTIMISATION



Total Length

367m
100.0% of 367m

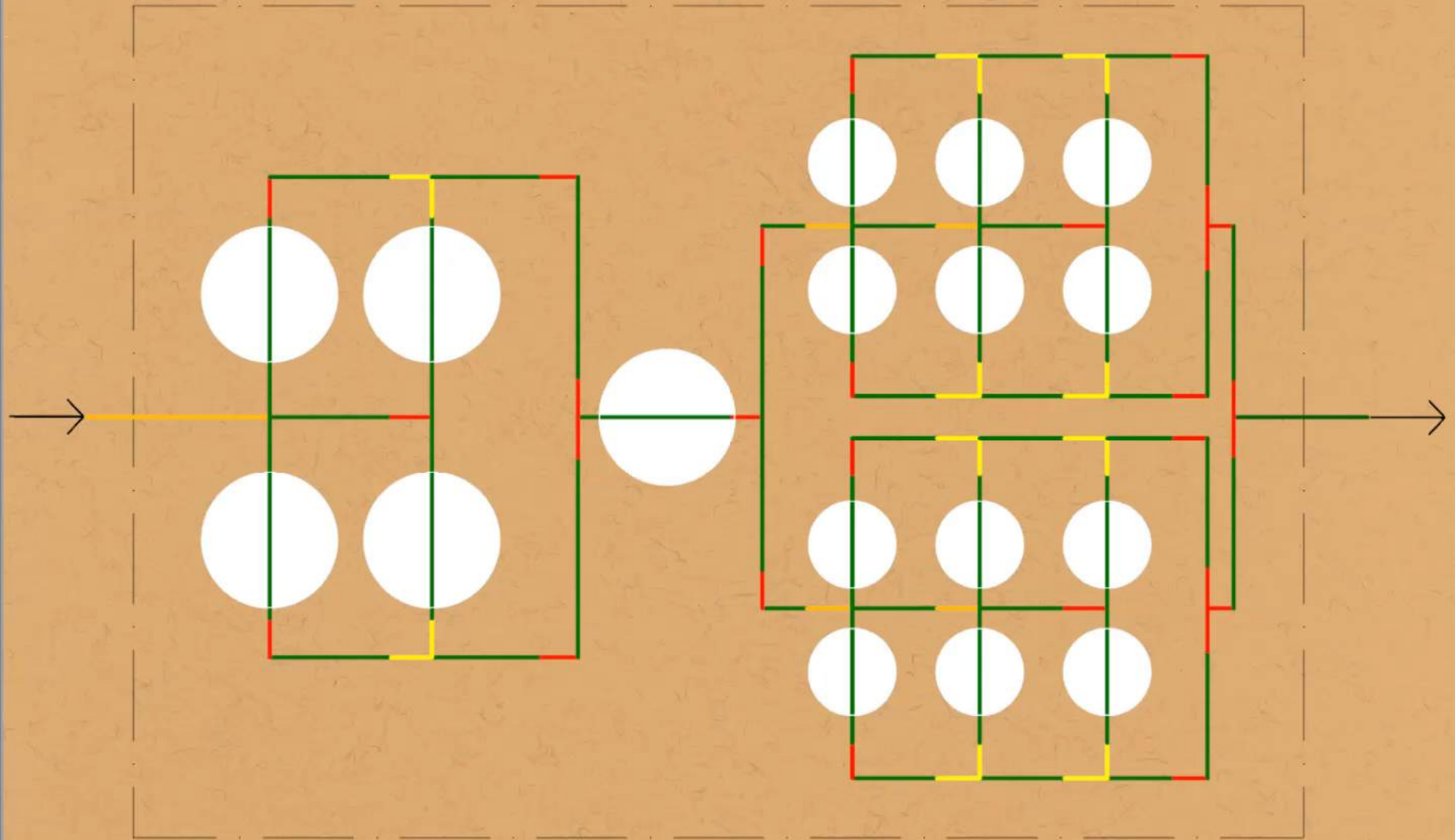
Average Angle

14.7°
100.0% of 14.7°

Angle

00°  90°+

FLOW OPTIMISATION




Total Length

367m
100.0% of 367m

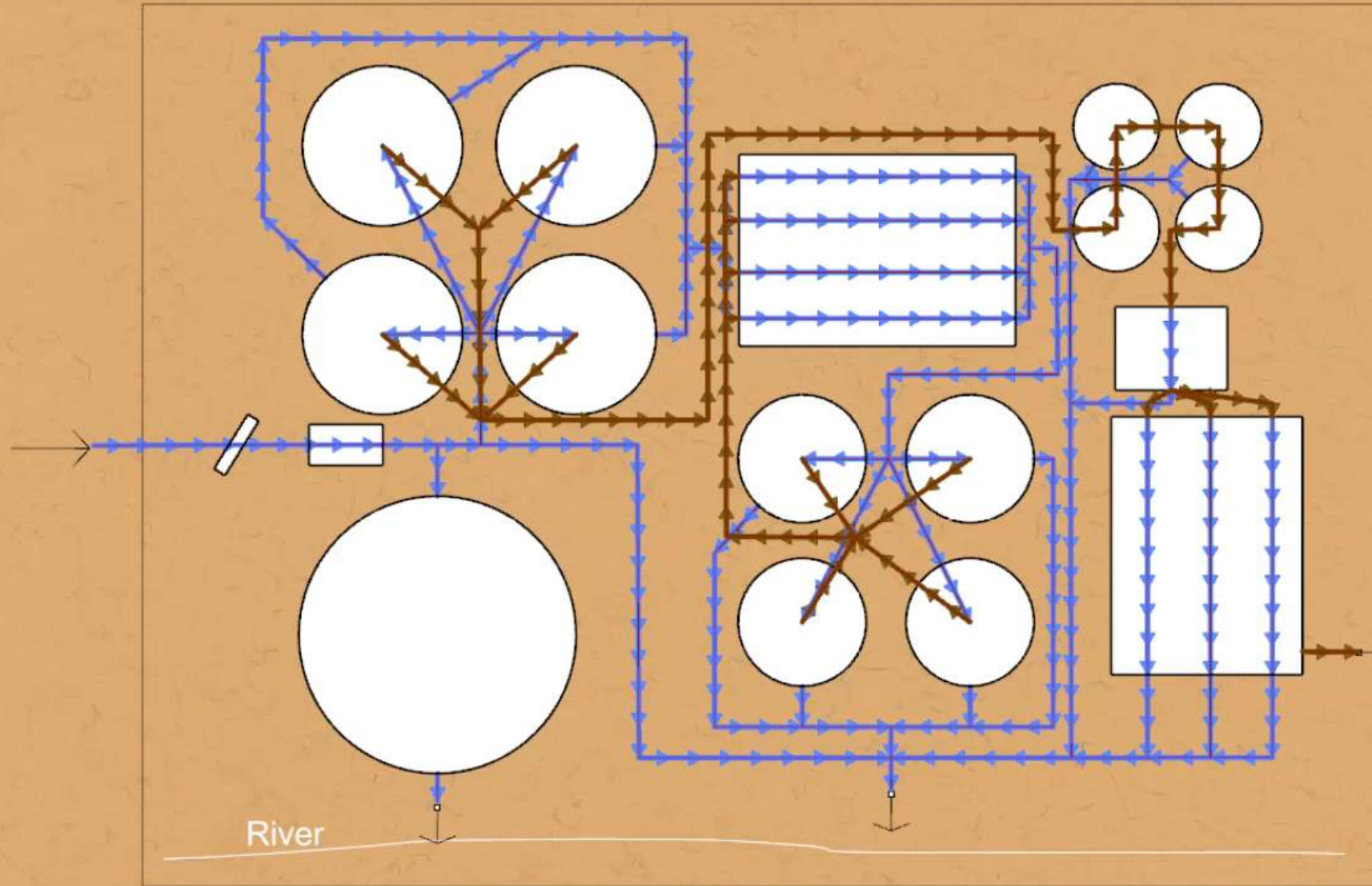
Average Angle

14.7°
100.0% of 14.7°

Angle

00°  90°+

FLOW OPTIMISATION



Percentage of Base Case:

Total Length
100.0%

Average Angle
100.0%

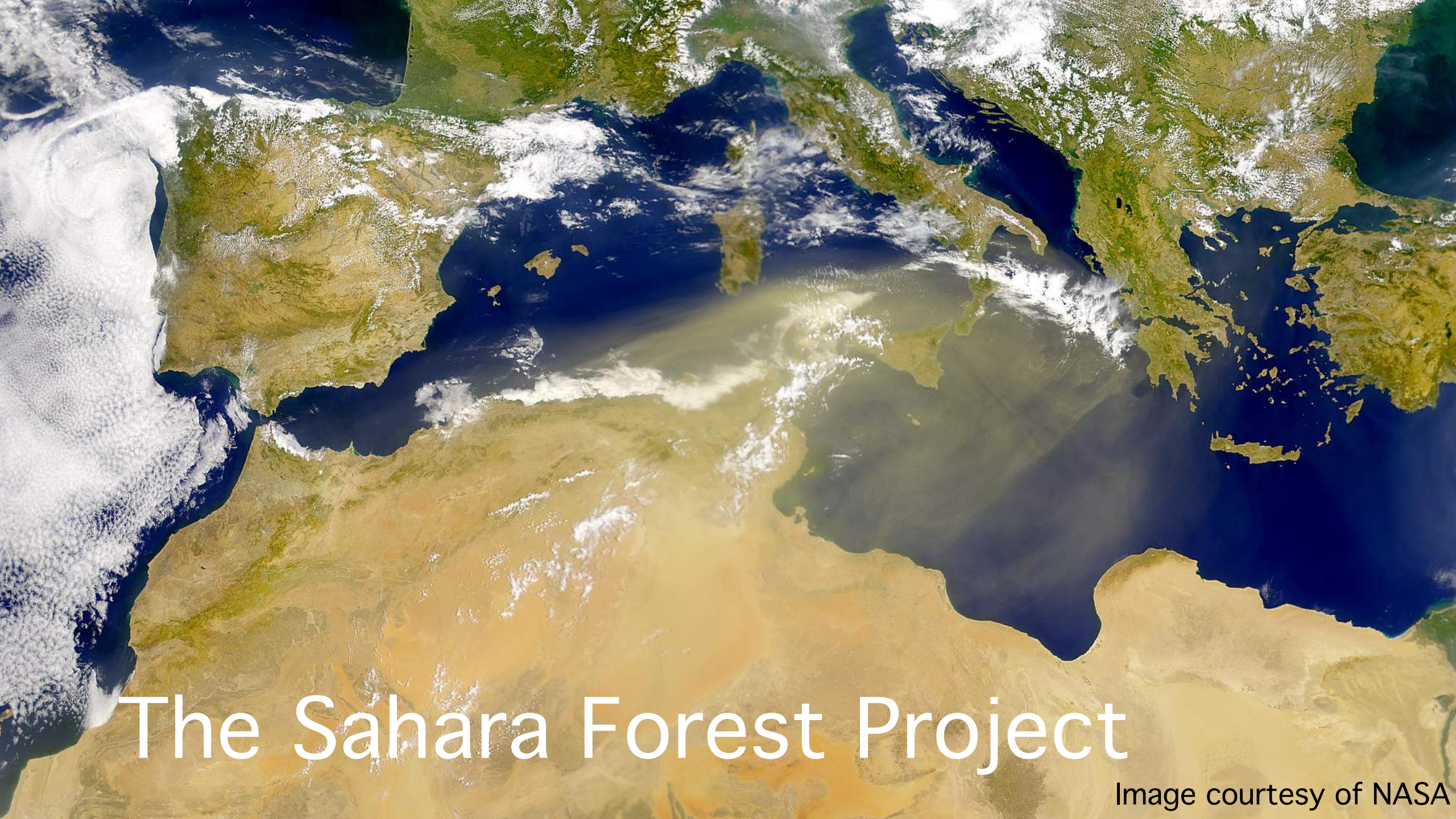
Total Equivalent Length
100.0%

Pipe Network Length
278m

Fitting Equivalent Length
3321m

Water

Sludge



The Sahara Forest Project

Image courtesy of NASA















SUNLIGHT

SEAWATER

CARBON
DIOXIDE



BIOMASS

OXYGEN

ELECTRICITY

CROPS

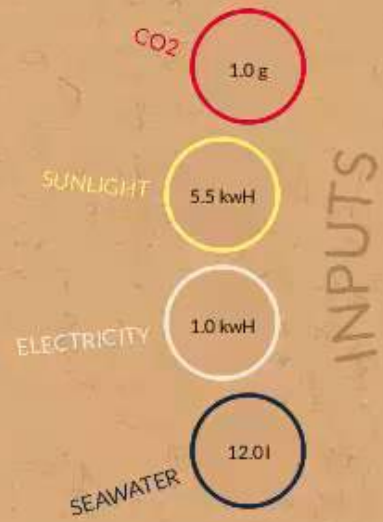
MATERIALS



PLAY

RESET

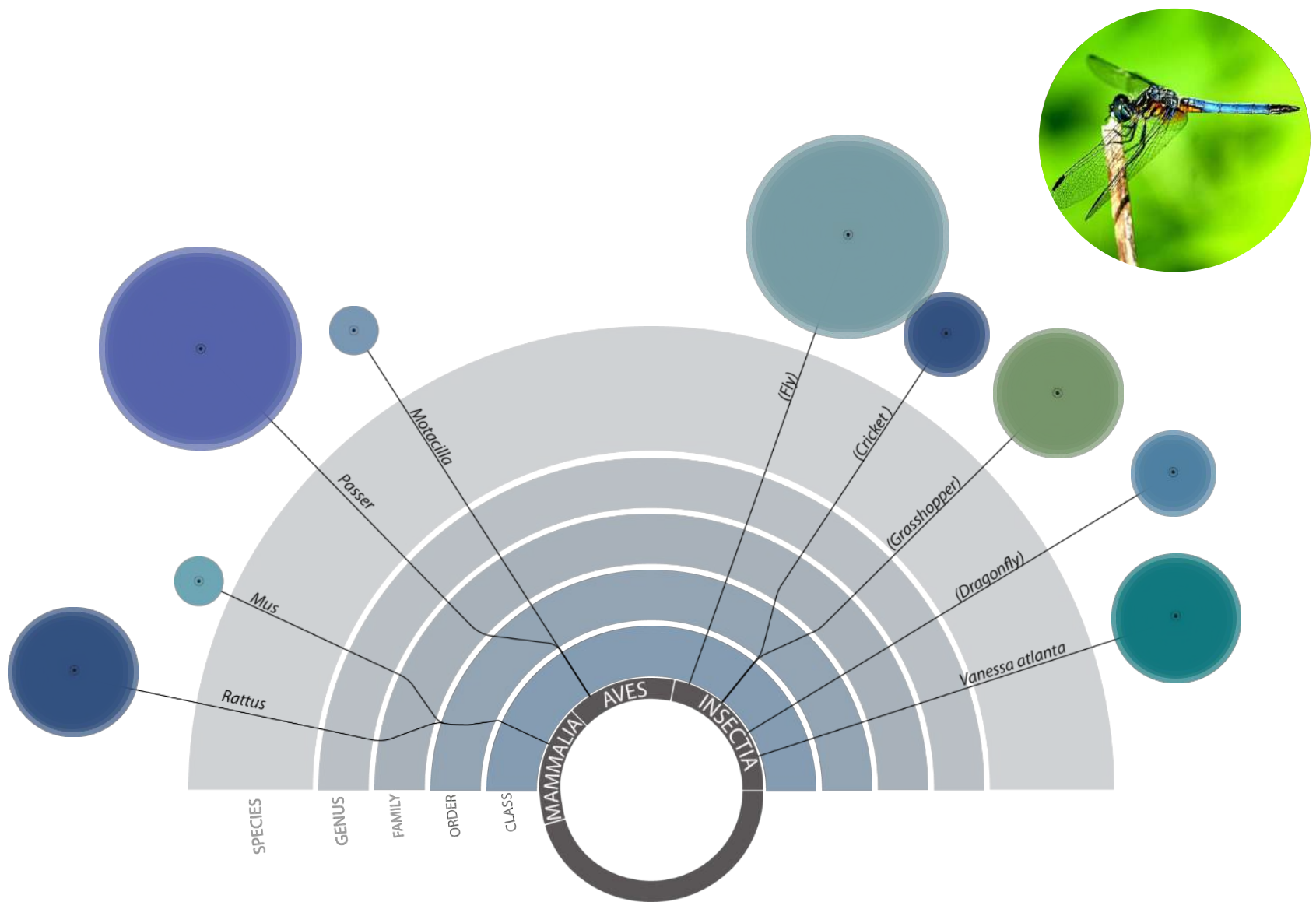
NON-EXPORTS

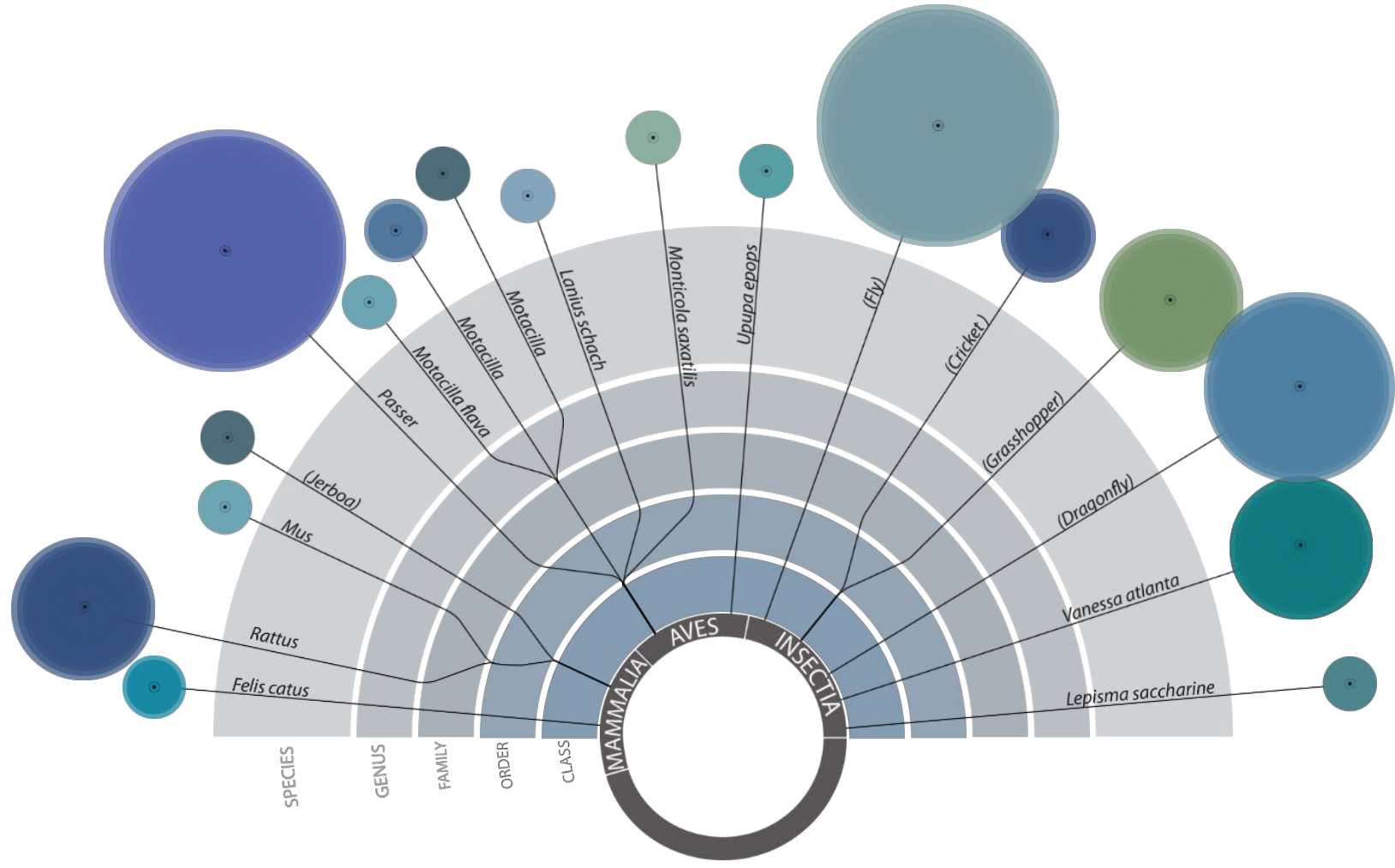


EXPORTS

UNDER-UTILISED

- CREATE TECH
- ADD INPUT
- ADD PROCESS
- ADD OUTPUT







Desert Rain Pavilion

Desert Rain Pavilion

- Camel's nostrils
- Persian ice-making
- Solar cooling