TEACHING AI TO FISH:
THE FUTURE OF MARINE RESOURCES IS TODAY

OBJECTIVE: Sustainable conservation and sustainable use of oceans, seas and marine resources for sustainable development
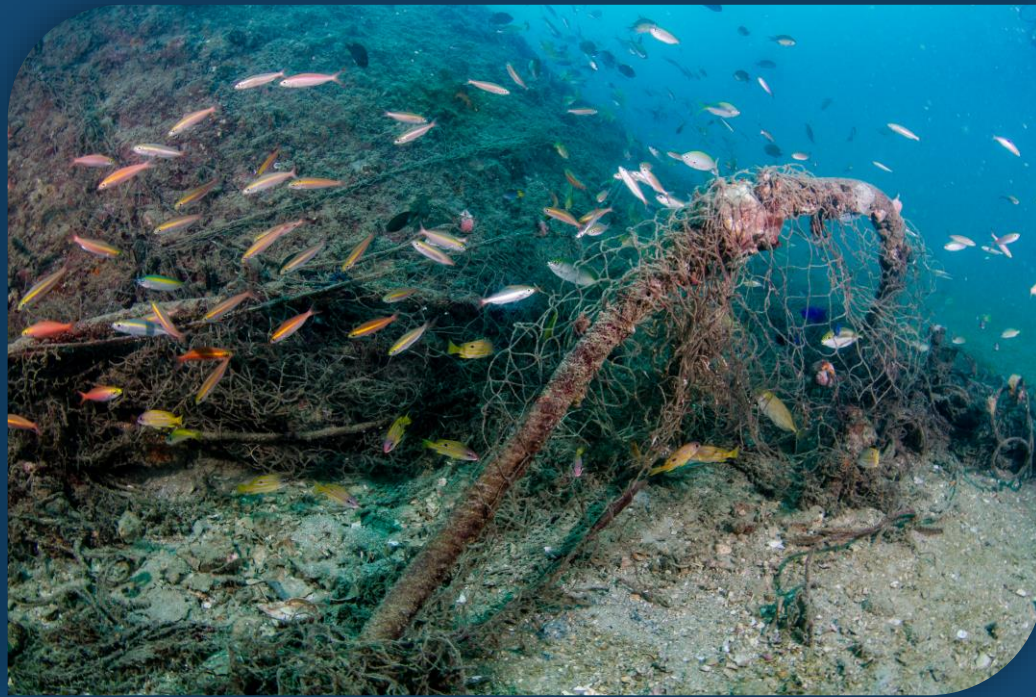
WHERE DO THE BIGGEST PROBLEMS ARISE?

Trawling is a source of considerable negative impact on the marine environment!
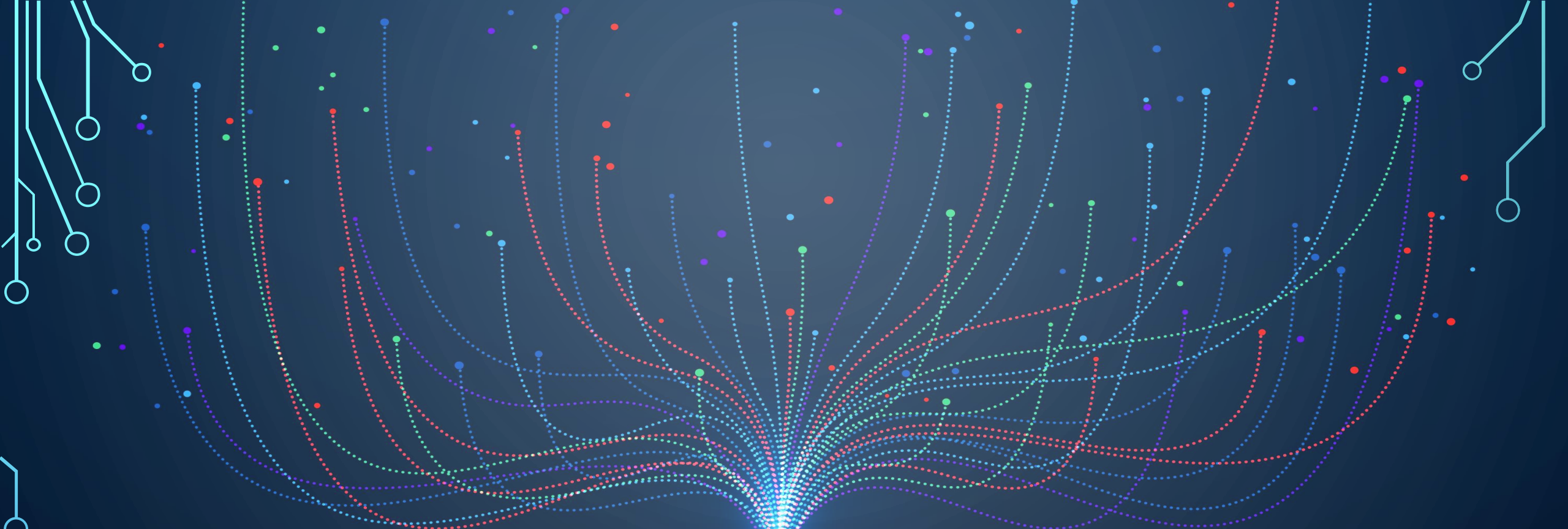
OTHER CONSEQUENCES…

ARTIFICIAL INTELLIGENCE FOR SUSTAINABLE DEVELOPMENT

IMPLEMENTING A MACHINE LEARNING MODEL WITHIN A MOBILE APPLICATION TO SAFEGUARD MARINE RESOURCES

MACHINE LEARNING

Latitude

Longitude

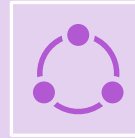External Temperature

Sea Temperature

Period of the year

Protected species

Wind

Presence of tides

Salinity

Depth

BIG DATA

Machine Learning and Data Analysis

TRAINING, INFERENCE AND APPLICATION

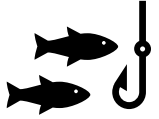Supervised learning technique is used for model training.

Make inference on the model to analyze its goodness.

The model outputs are displayed in the application.

CONCLUSIONS

Improved conventional fishing methods.

External updates via mobile application.

Artificial intelligence to comply with international regulations.

IF YOU WANT TO LIVE A HAPPY LIFE, TIE IT TO A GOAL, NOT TO PEOPLE OR THINGS.

Engineer Giovanni Tripodo
University Mediterranea
Reggio Calabria

MACHINE LEARNING