

# IRP10: Individual Research Project

## Topic

Experimenting with Green AI to reduce processing time and contributes to creating a low-carbon economy

## Objectives

Green AI supports the use of resources more efficiently and conserves them for future generations. This research objective focuses on **experimenting with green AI concepts in multiple applications in finance**, analysing economical and practical impact of its deployment in industry. It facilitates the **exchange of innovative ideas and cooperation opportunities** in the field of Environmental, Social, and Governance (ESG), Sustainable Finance, and ESG Technology.

## Involvement

- IRP belongs to WP5 (Sustainability of digital finance)
- WP Leader: UNA (Naples)
- Two supervisors from secondments: INT, and ARC

## Deliverables

The project aims **at providing reports about pricing and risk management of green financial instruments** across all asset classes, with a focus on new products development, model validation, model risk management, funding and counterparty risk, fair and prudent valuation, applications. It aims at **focusing on financial inclusion and inequality**.

