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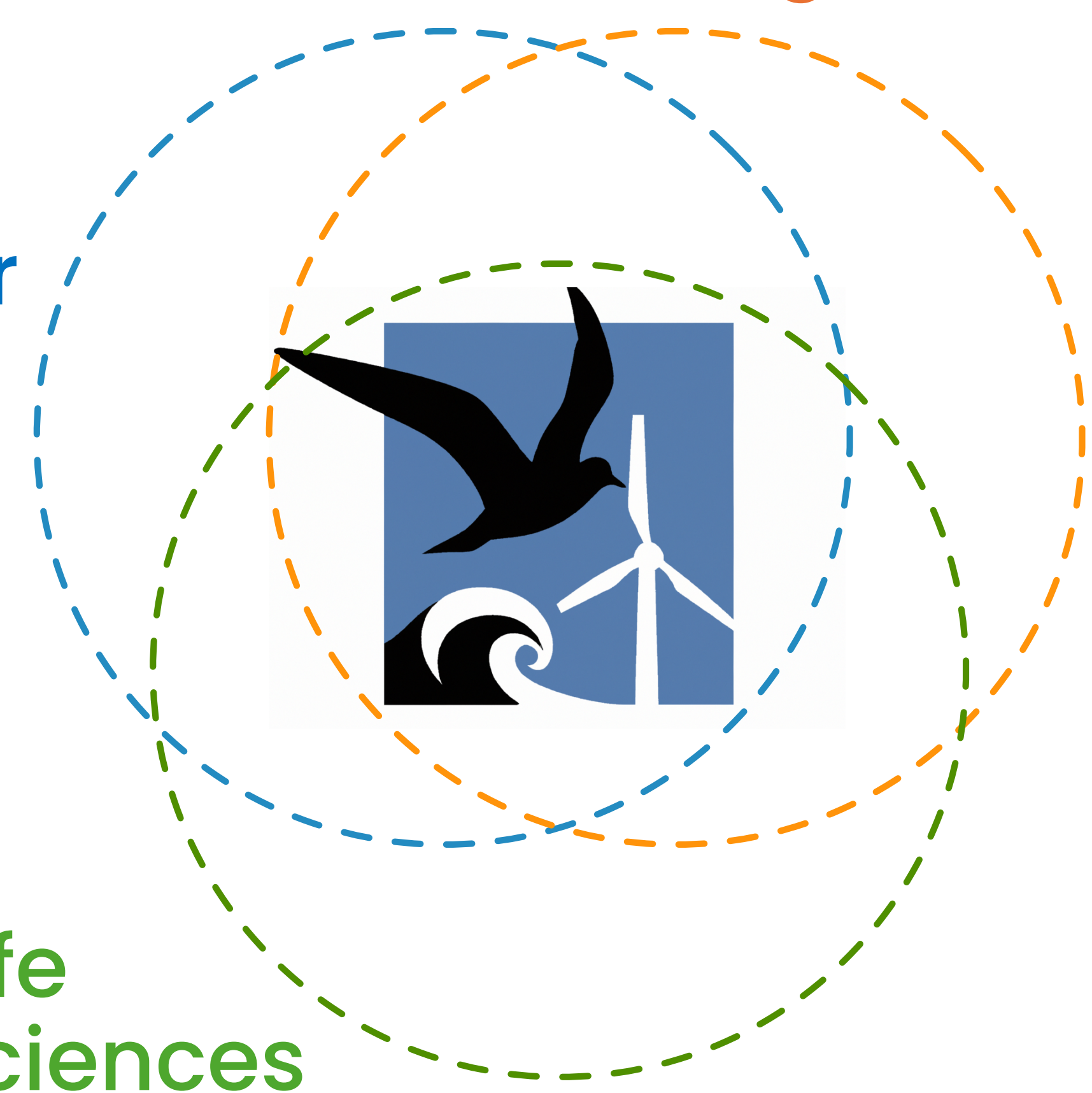
# Towards the sustainable design of smart acoustic sensors for environmental monitoring of offshore renewables

- « How does an offshore wind farm impact wildlife? » It depends!
- Need for sustained monitoring
- Digital audio and machine listening are now cost-effective
- But how to operate the sensor during several years with minimal intervention and material footprint?

Computer sciences

Engineering

Life sciences



ANR MuReNN

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WeAMEC PETREL

ADEME PIAFF&CO

MSCA BioacAI



- First batteryless acoustic recognition device (BARD).
- First international challenge on few-shot bioacoustic event detection (DCASE community).

