Theme 1: <https://techbeacon.com/app-dev-testing/how-do-devops-without-increasing-your-carbon-footprint>

This one is more specific to doing CI-CD on Azure and GitHub, but it should be helpful too: <https://medium.com/@tajinder.singh1985/green-devops-sustainable-way-of-doing-devops-e69429b01933>

b. Sounds good to make it generic-for all programming languagues or frameworks, but have to start with one use case (Java, PHP, .Net, whatever the team knows best and is more confortable with)

Theme 2: common pluggable framework to capture ESG data and analyze it

Here are the Azure Sustainability data collectors-data model. It is granular level and could be used to capture data from Workloads running in Azure: <https://www.microsoft.com/en-us/sustainability/emissions-impact-dashboard?rtc=1&activetab=pivot:mostpopulartab>

you might want to think if its easier to build a common collector or if its better to import AWS or on-premise data into the already existing-prove Azure Sustainability model and dashboards.

(disclaimer: since I am the Microsoft Guild Leader I will try to promote their solutions - but you can also choose others if you know them better, have more experience with them)

you also need to decide how often to collect data, there might be different times for different types of data.

Manufacturing, Oil&Gas or Retail might have more need of IOT-real time data than banking or insurance for example

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This could save you time in developing a model for a particular industry or use case: <https://www.microsoft.com/en-us/sustainability/microsoft-sustainability-manager#tabx0a563dd817324eb9b6aff325d74b0f57>

Record, report, and reduce your organization's environmental impact while driving efficiencies with Microsoft Sustainability Manager, a Microsoft Cloud for Sustainability solution.