# ASCETiC - Adapting Service lifeCycle towards EfficienT Clouds

## OBJECTIVES:

Extend the existing development models for green and efficient software design, supporting sustainability and high quality of service during development and execution.

Develop and evaluate a framework with identified energy efficiency parameters and metrics for cloud services.

Develop methods to measure, analyse and evaluate energy consumption in software development and execution.

Integrate energy and quality efficiency into service construction, deployment and operation leading to an Energy Efficiency Embedded Service Lifecycle.

**greening cloud software lifecycle**

## Cloud Stack to develop Green Software

that takes care of Energy Efficiency & Carbon Footprint at software, platform and infractructure layers.

Atos | hp | ATC | green prefab | UNIVERSITY OF LEEDS | TU Berlin | BSC | Athens University of Economics and Business | cetic

**openstack** compatible
CLOUD SOFTWARE

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