FLEX harvester
by VITO / EnergyVille

FLEXHARVESTER © STORM DISTRICT ENERGY CONTROLLER

APPROACH OF A PILOT PROJECT

STORM
DISTRICT ENERGY CONTROLLER

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FLEXHARVESTER PILOT : APPROACH OF A PILOT PROJECT

- Step 0: High level feasibility assessment

  (on VITO/EnergyVille's account, limited number of feasibility assessments)

- Step 1: Potential savings calculation (contract research)

  Based on commonly available input data
  - Hourly network heat consumption
  - Hourly outdoor temperature
  - Monthly building heat consumption

We calculate potential annual cost&benefits and CO2 emissions savings

FLEXHARVESTER PILOT APPROACH OF A PILOT PROJECT

- Step 2: Reference data measurement/ Benchmarking (contract research)
  - Installation of IoT hardware in building(s)
  - Measurement of data to characterize building flexibility
  - Training of AI for forecasting algorithms using production data
  - Evaluation of the STORM District Energy Controller

- Step 3: Operation (license+support scheme)
  - STORM District Energy Controller fully active
  - Evaluation, reporting and support
  - License scheme (optional: support)