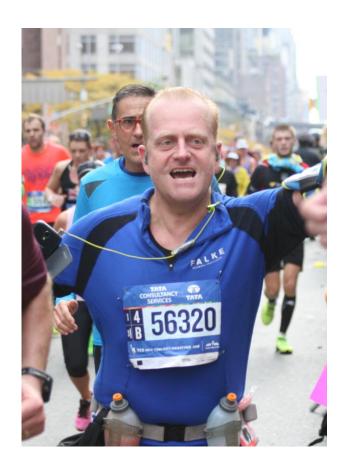
# we-CARE, we Create **Awareness and Reduce Energy**









more awareness. better business.

**Project Leader: Ton van Ewijk,** E-mail: <a href="mailto:tvewijk@energq.com">tvewijk@energq.com</a> Budget: k€ 85

#### **Partners:**



Human Chemistry, Human Solutions

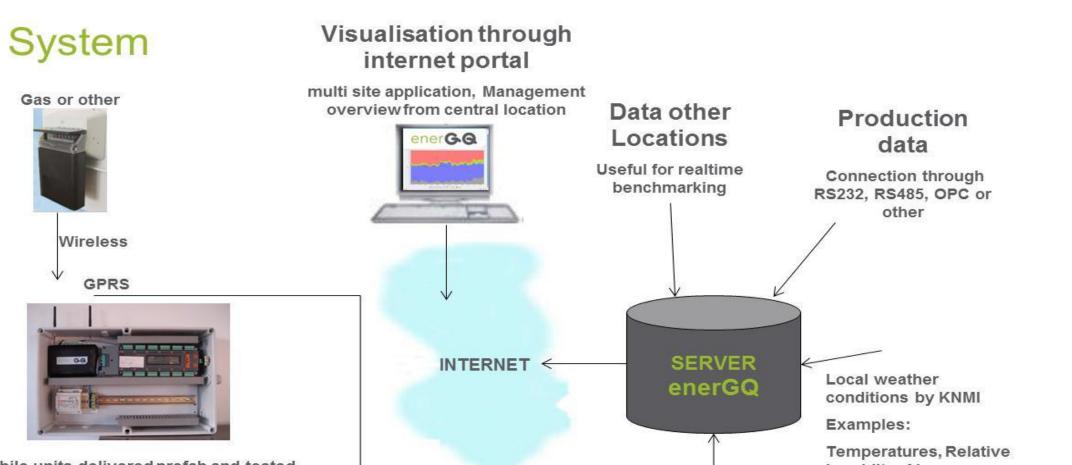




#### PROMENS

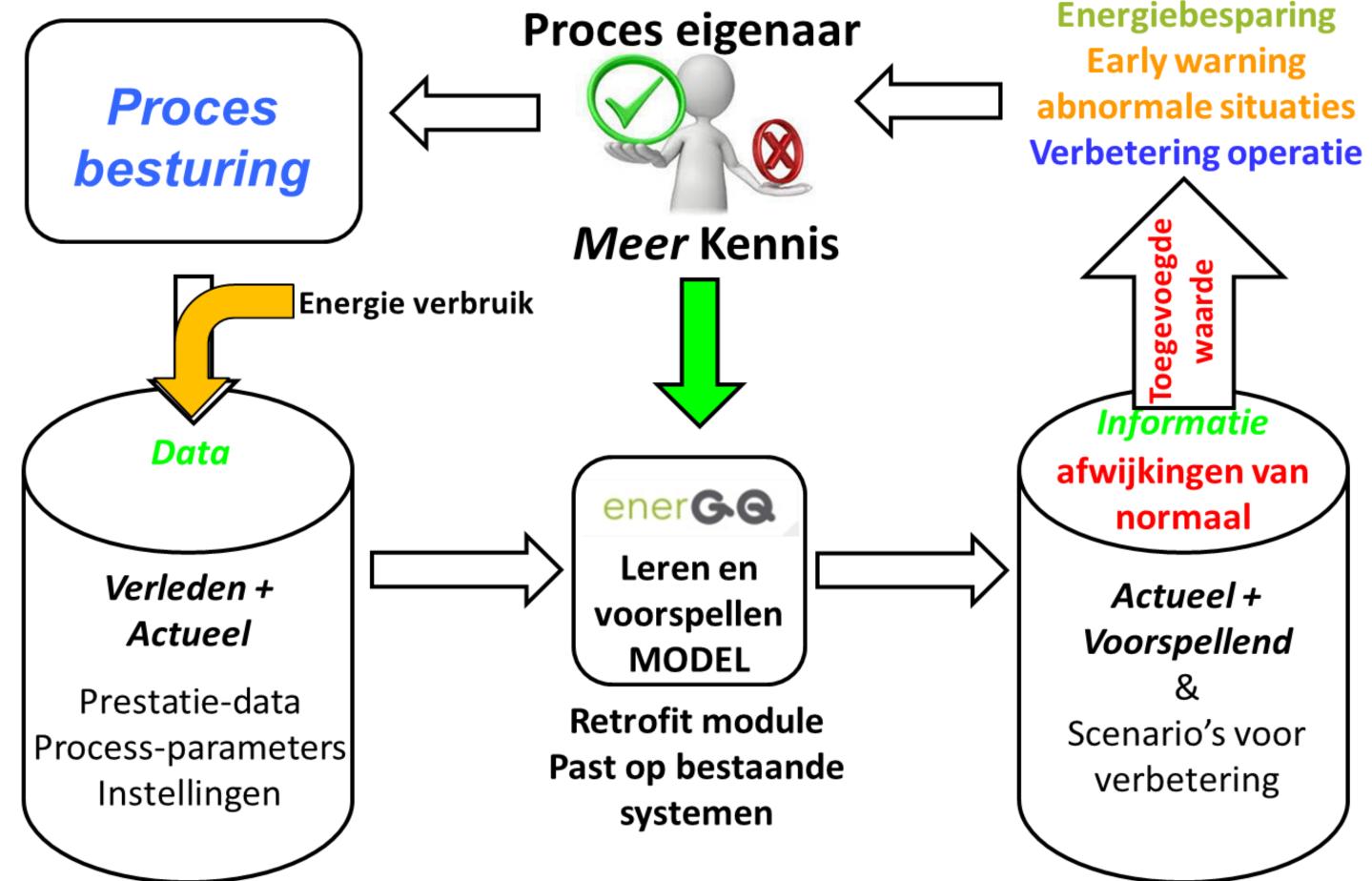
## **Objective:**

- Big data analysis in the process industry enables a 10-20% improvement in energy efficiency
- enerGQ supports the optimalization of the operational management
- Further development of enerGQ into advisory software for production staff
- Plug in software development for the process industry



## **Project scope:**

Real time data collection and analysis



Mobile units delivered prefab and tested On line after one day of installation Modular, expanding the system is easy Installation can be done during production Platform is already there, no engineering, low cost

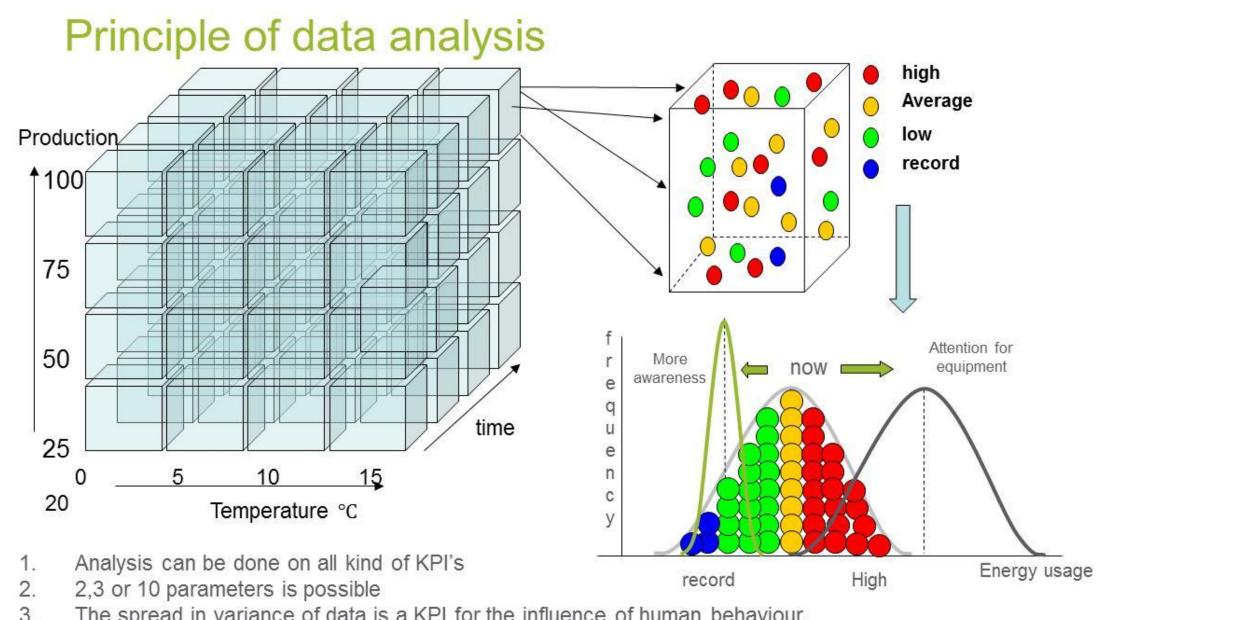

humidity, Air pressure Solar radiation, Win

### **Motivation:**

- Early detection of abnormal situations in current processes
- Processes with better configurations
- Increased knowledge regarding processes and factors that

influence processes

Increase energy awareness ullet



## **Applicability:**

- Food, feed, pharma, chemistry, metal, synthetic
- All assets available with data

#### **Status**

Project has started on 01-12-2015

- Installation measurement equipment and server/ software
- Data collection
- Benchmarking/baseline measurement

- The spread in variance of data is a KPI for the influence of human behaviour,
- Analysis is done on real-time basis



- Data analysis
- Interpretation measurement data and optimalization

of settings and operational management

End of project: 30-05-2017

Institute for Sustainable Process Technology

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