

**GPX**



Green Energy Plug  
makes green energy visible

# What is **GPX**

A patent for the signature on  
the origin of power production

# present situation (here and now)

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- Green Energy is not tangible
- There is a limited product choice
- Different product certificates are in use (for example Naturmade, TÜV)
- Supply is on paper

## **What is missing is:**

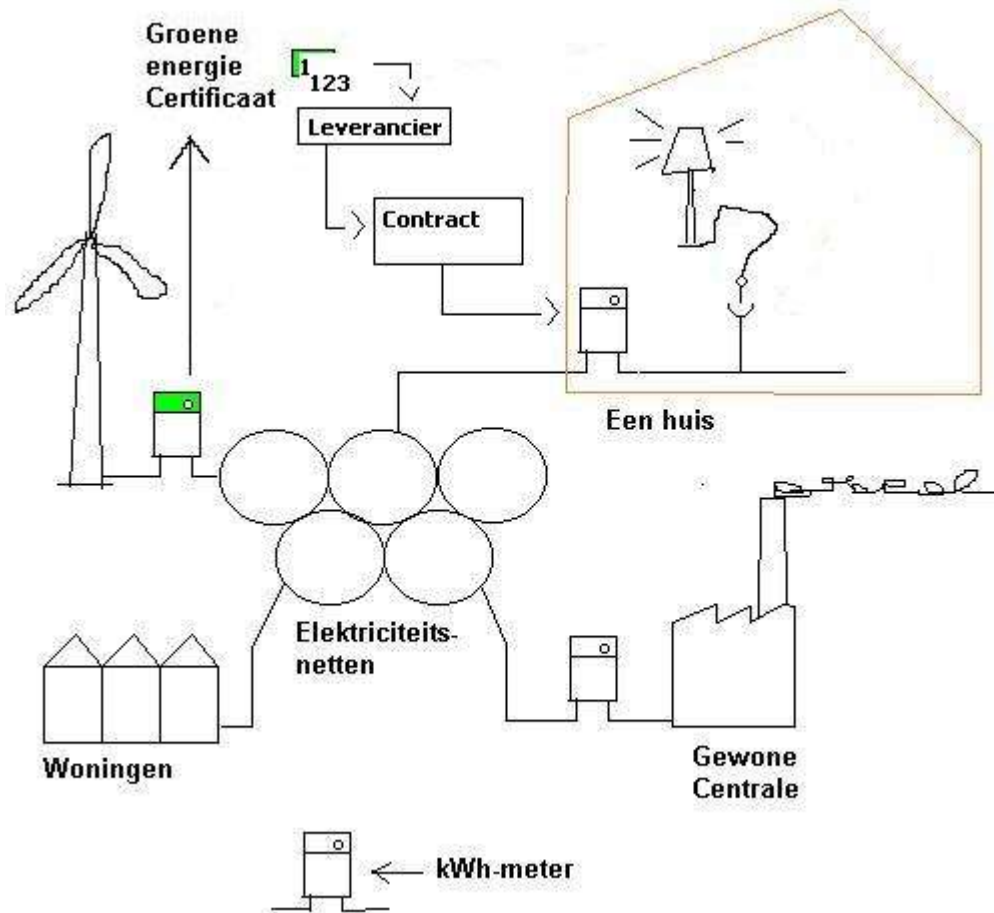
- Visualisation for customers
- “Certified same-time-of-use” of power consumption and -production

# Advantage of a signature

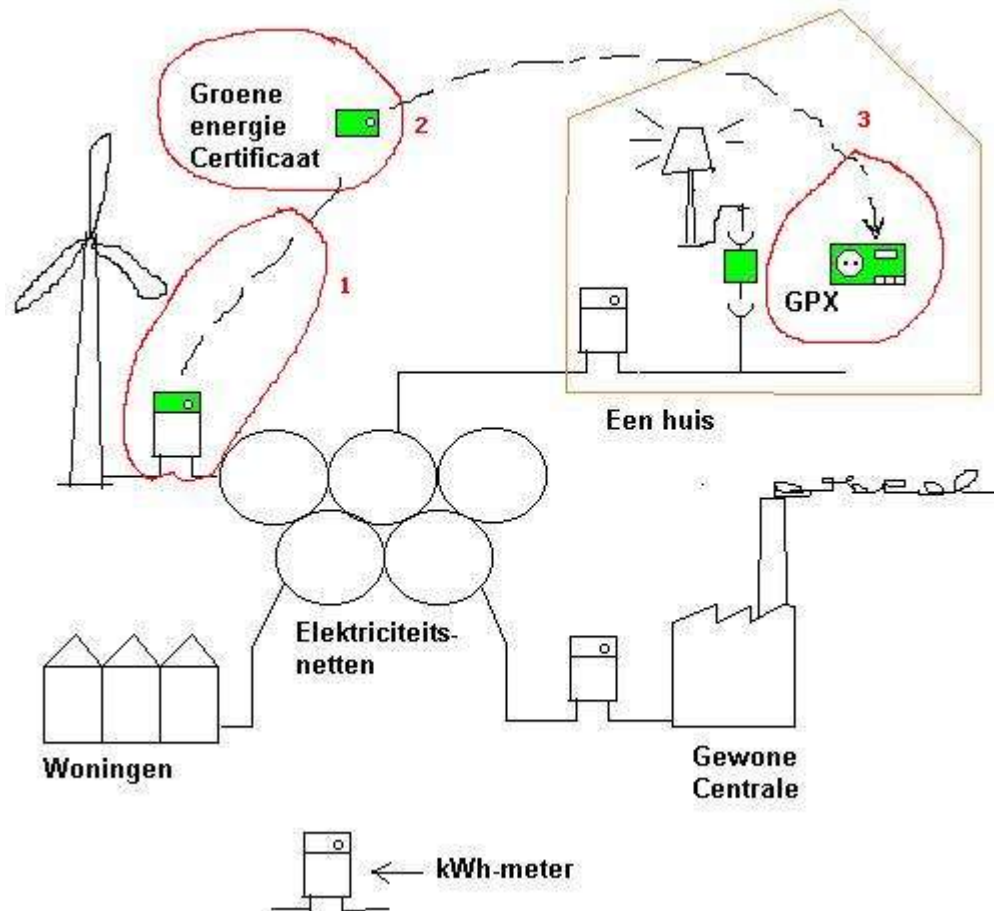
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- Supply to consumers of Origin data of energy
- Details following consumer demand:
  - Sort and type of produced energy
  - Amount energy
  - Location details
  - Time data of production
  - Producer
  - Further Information

# Present route for energy data?



# Route for energy data with GPX



# What is the added value of the patent?

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- Bridge function between consumer and producer
- Adding up production- and usage data at consumer (pay-on-delivery character)
- Generation of new markets by connecting (convenience, enjoyment, prizewinners, lottery, donations)
- Applicable with digital energy meters

# Consumer advantage with **GPX** ?

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- Direct tie with the source
- Insight in usage without force or pressure
- Connection with the home energy system
- Digital implementable in main- and submeters

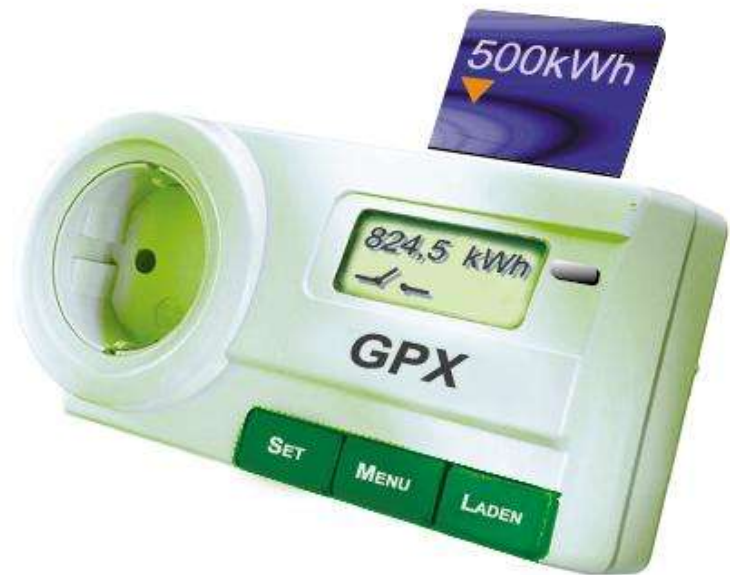
# Educational application

- **GPX E-track (Education)**

Pupil sees the consumption with the sort energy he made earlier with the production module

- The card with code functions as tangible bridge and as track to origin

- Web application supports exchange of certificates between modules



# Free energy market application

- **GPX M-track**
  - Embedded consumption module
- Mutual communication
- Switching and measurement
- Connected to the home energy management system
- Feedback energy usage



# Our offer

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With you we can:

- set up a pilot project
- make green energy tangible
- develop product with target groups
- offer possibility to choose for consumers
- fill in the necessary conditions with market parties