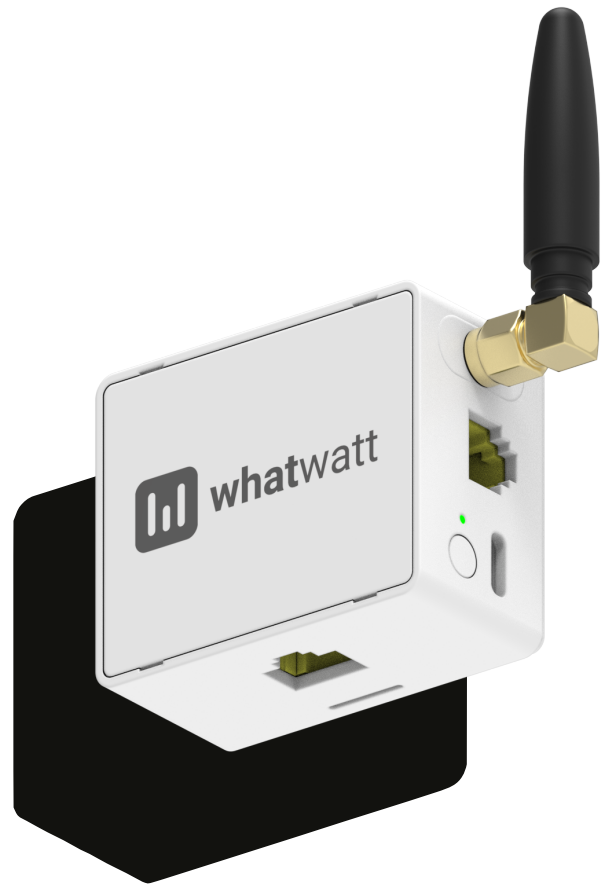


HOW-TO

Integration into Loxone



Important Note

Services like REST API and MQTT require a license.
Please visit www.whatwatt.ch/pricing for more information.

Version 1.2
Date 20/02/2025

1. Introduction

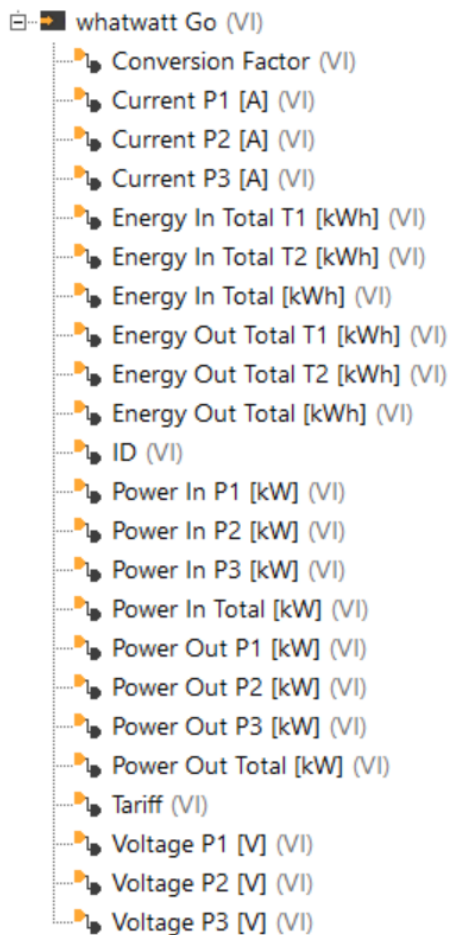
This guide explains step-by-step how to integrate the whatwatt Go device with a Loxone system. The integration is based on Loxone „Virtual Input“ feature. The integration allows to use parameters such as power, energy, current and voltage as a trigger or as a simple data source for visualisations.

2. Requirements

- whatwatt Go connected to local network incl. Plus or Pro license
- REST API enabled in whatwatt Go
- Loxone server/system
- Whatwatt Go plug-in from the Loxone library

3. Values

The integration delivers access to the following values – if provided by your smart meter via the interface.



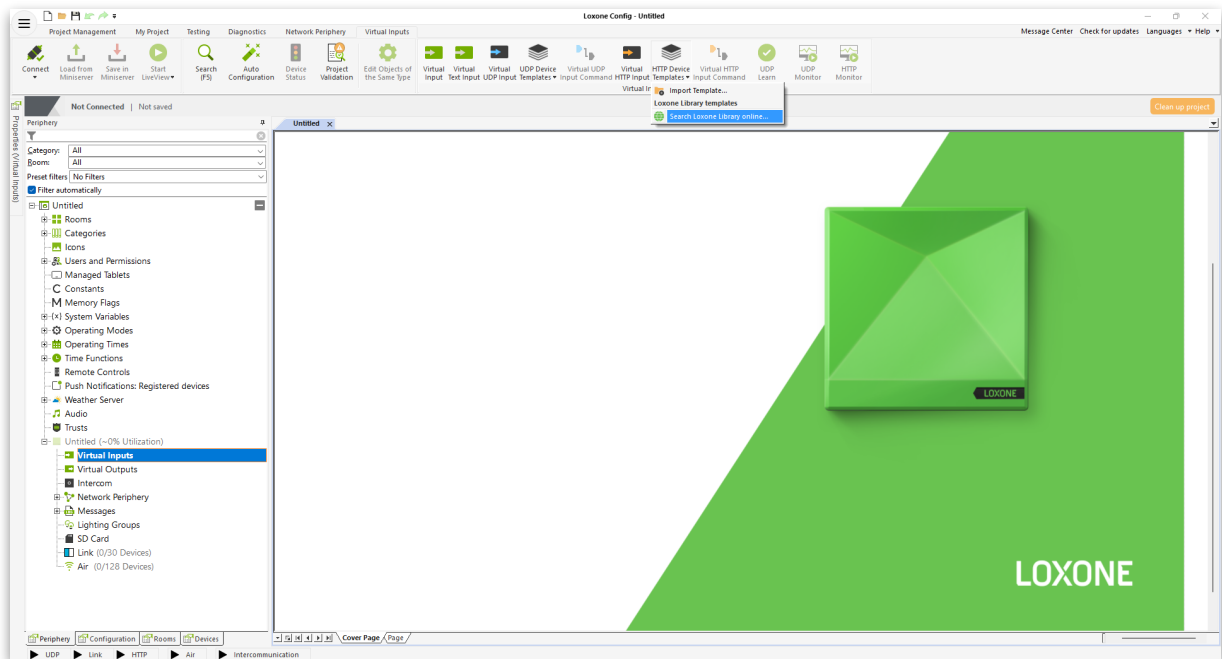
You can check what your smart meter delivers via the following URL in your browser
[IP_of_your_whattwatt_go]/api/v1/report



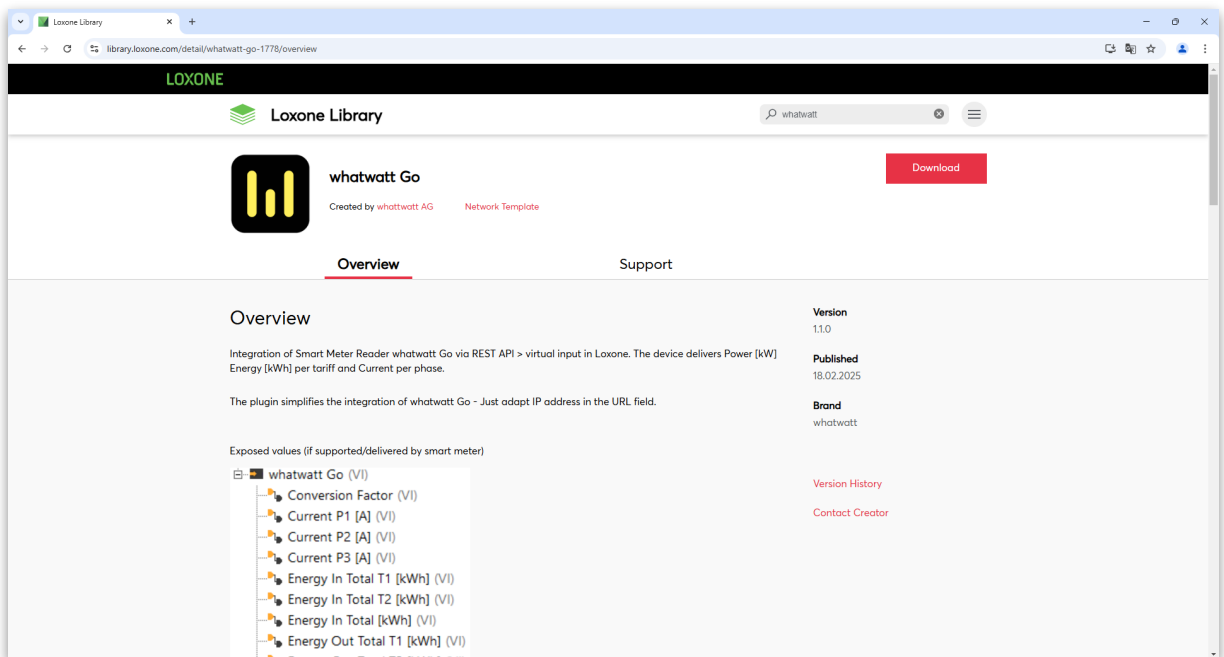
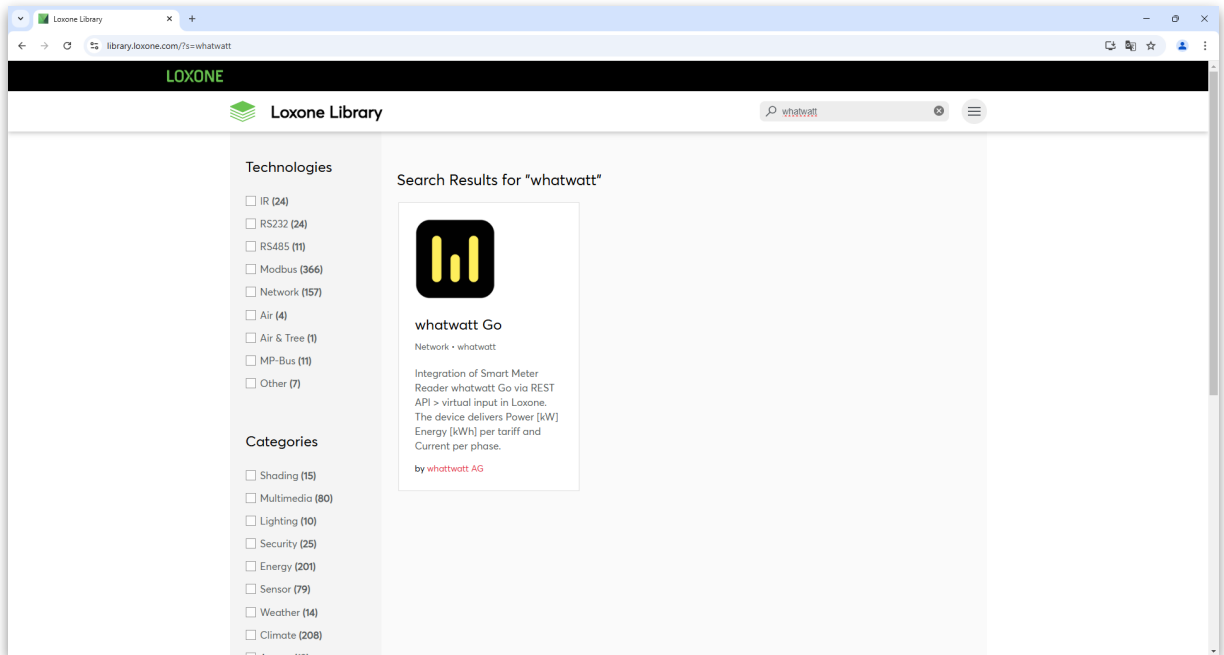
```
{
  "report": {
    "id": "183929",
    "interval": "1d",
    "tariff": "1",
    "date_time": "2025-02-08T14:06:24Z",
    "instantaneous_power": {
      "active": {
        "positive": {
          "total": 18.488,
          "l1": 3.207,
          "l2": 3.829,
          "l3": 4.452
        },
        "negative": {
          "total": 0,
          "l1": 0,
          "l2": 0,
          "l3": 0
        }
      }
    },
    "voltage": {
      "l1": 229.97,
      "l2": 229.74,
      "l3": 229.97
    },
    "current": {
      "l1": 14.47,
      "l2": 13.86,
      "l3": 17.86
    },
    "energy": {
      "active": {
        "positive": {
          "total": 9882.964,
          "l1": 7884.699,
          "l2": 2028.265
        },
        "negative": {
          "total": 1168.522,
          "l1": 1166.794,
          "l2": 1.728
        }
      }
    },
    "conv_factor": 1
  },
  "meter": {
    "status": "OK",
    "interface": "P1",
    "protocol": "MODBUS",
    "protocol_version": "5.0",
    "logical_name": "T1831830612174463",
    "model": "T1830812174463",
    "vendor": "Enson",
    "prefix": "ESP"
  },
  "system": {
    "id": "A842E39F616C",
    "date_time": "2025-02-08T14:06:24Z",
    "boot_time": "07285596",
    "time_since_boot": 1048189
  }
}
```

4. Add whatwatt Go Plug-in to Loxone

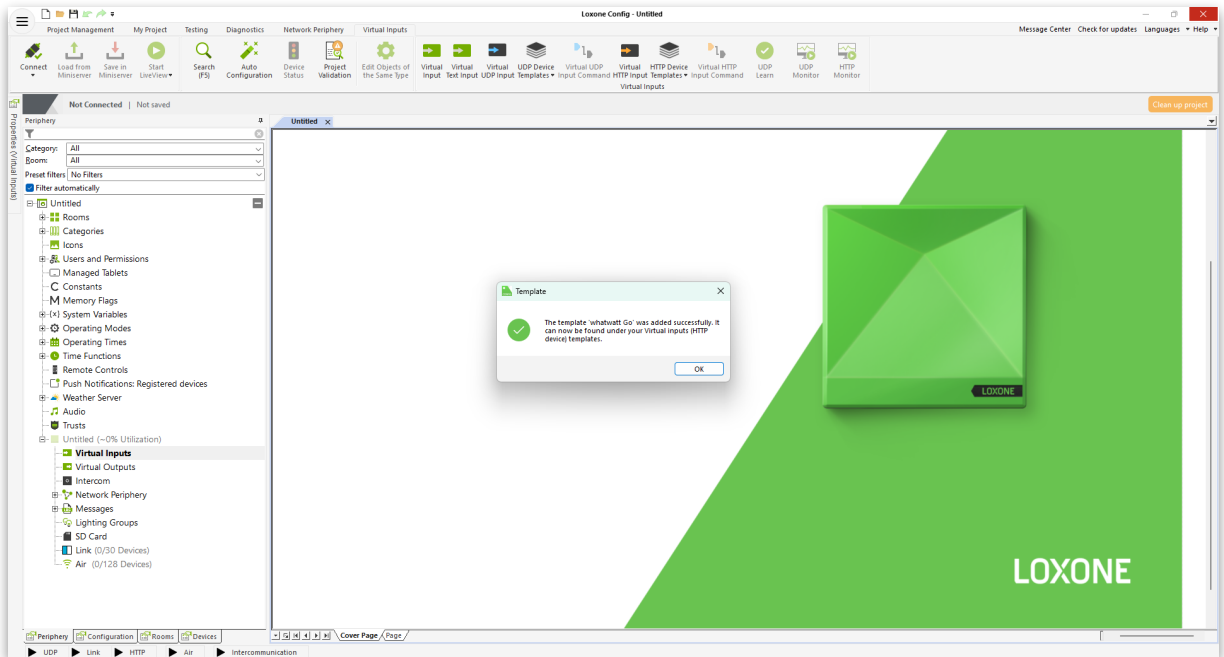
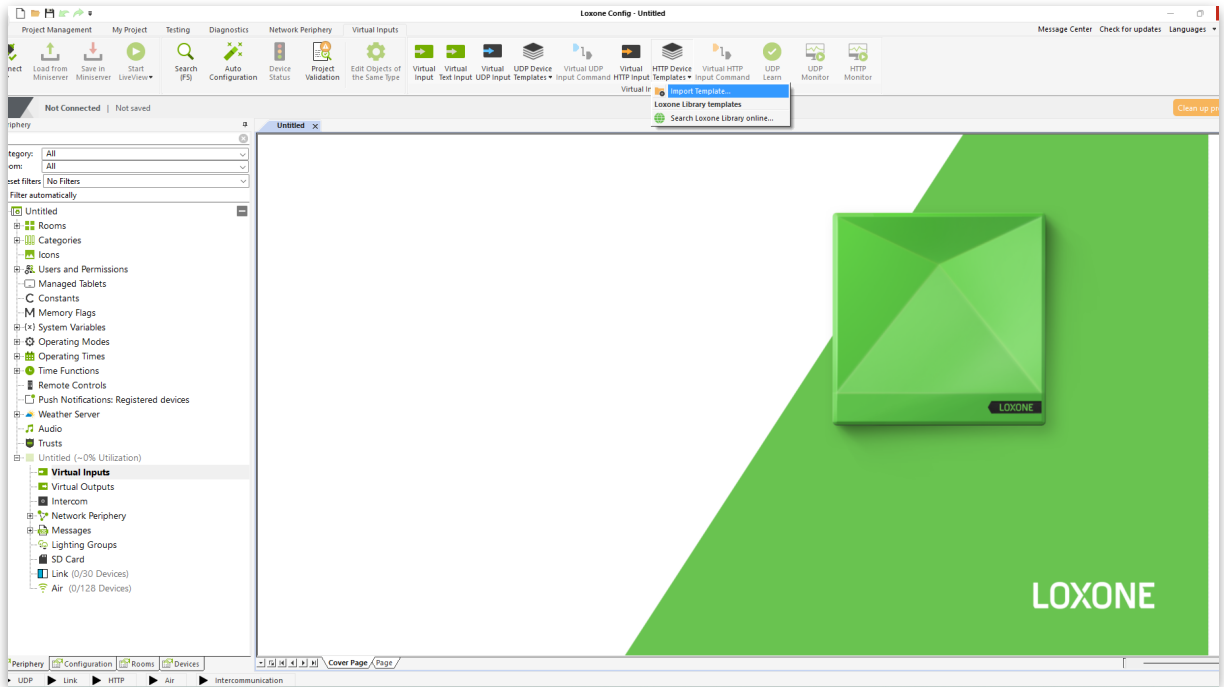
Step 1 · Select „virtual Inputs“ in your project tree, then „HTTP Device Templates“ from your top navigation, then „Search Loxone Library online“



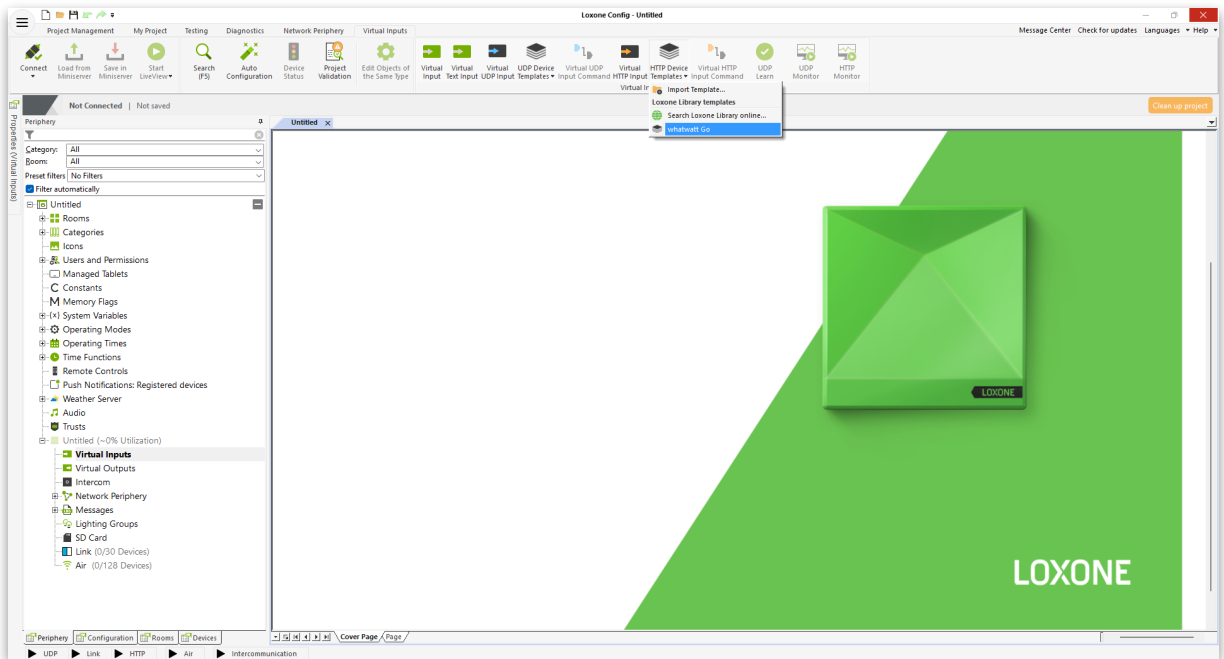
Step 2 · Search for „whatwatt“ and download the plug-in



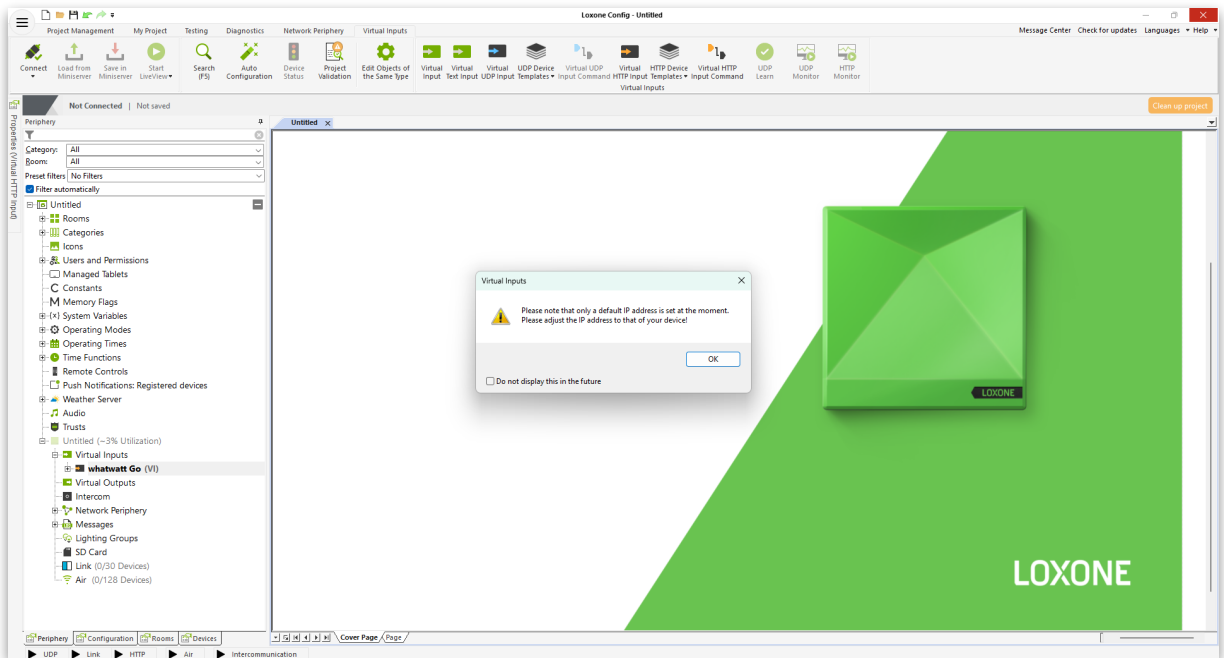
Step 3 · Import whatwatt plug-in into Loxone Config Tool

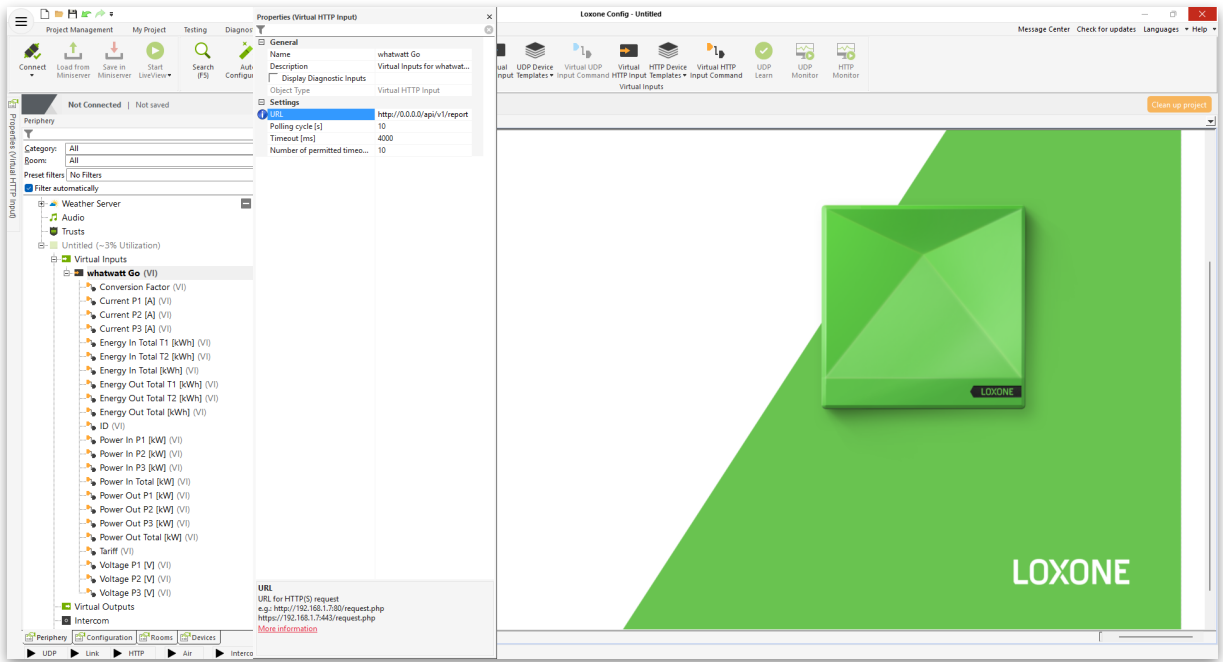


Step 4 · Import whatwatt into your project



Step 5 · Change the IP address in the settings of the whatwatt Go template in the project tree





Step 6 · Use the values in your project – e.g. via building block „Bidirectional meter“

