

Winter cereal trial network

2026-2027



Cereal trial



Cereal trial



Cereal trial



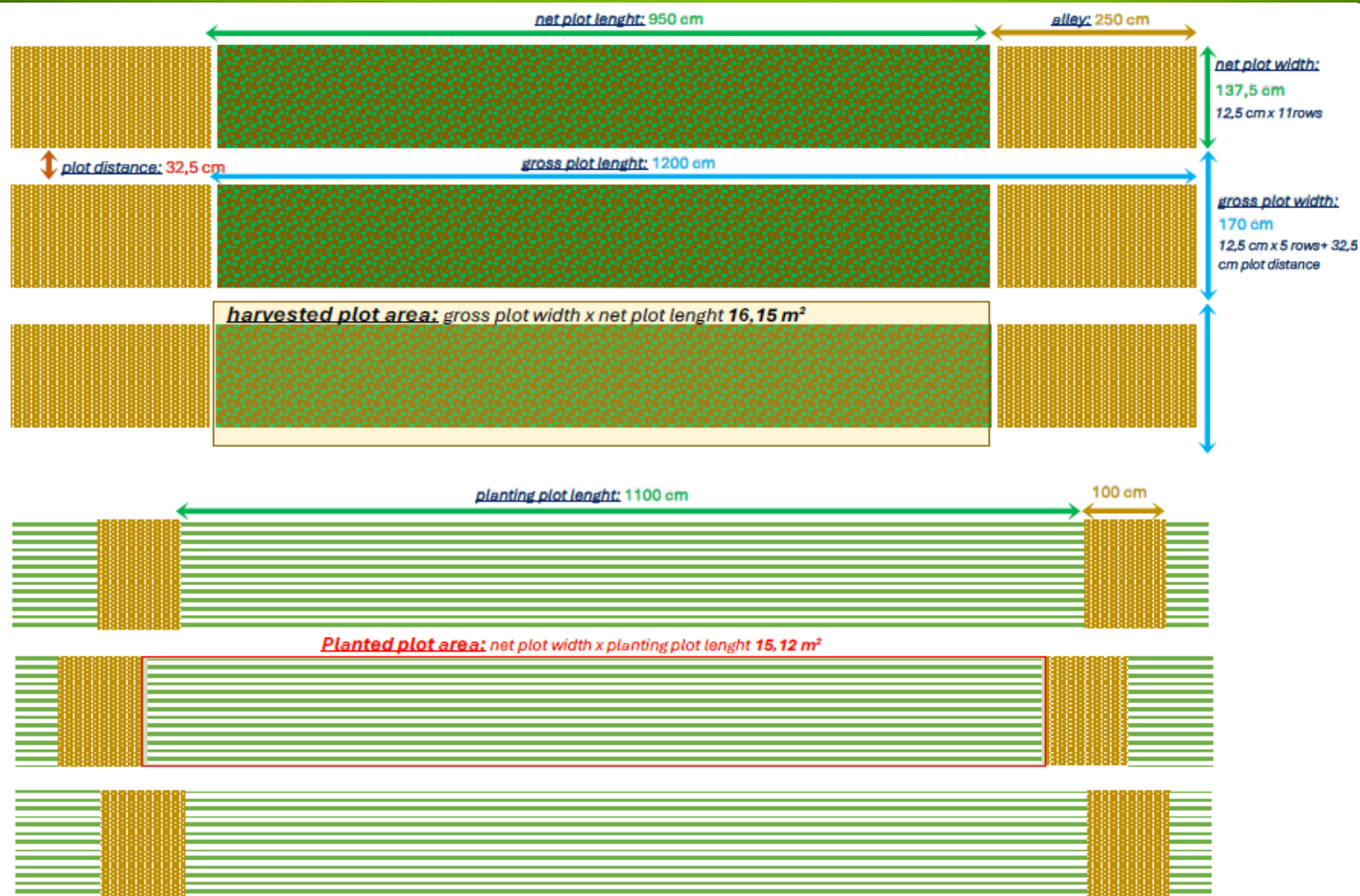
Cereal trial



Cereal trial



Cereal plot dimension

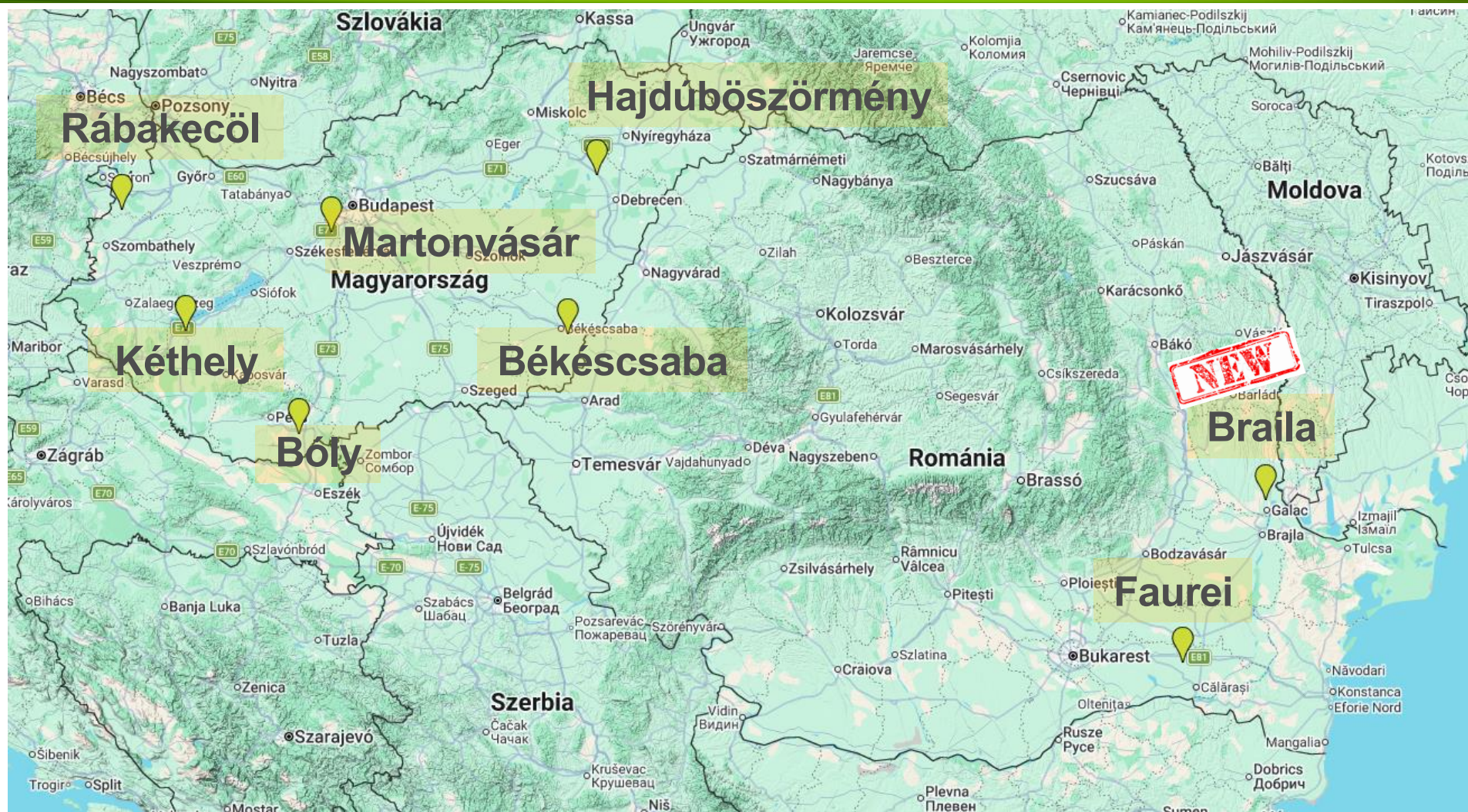


8 locations with different environment:

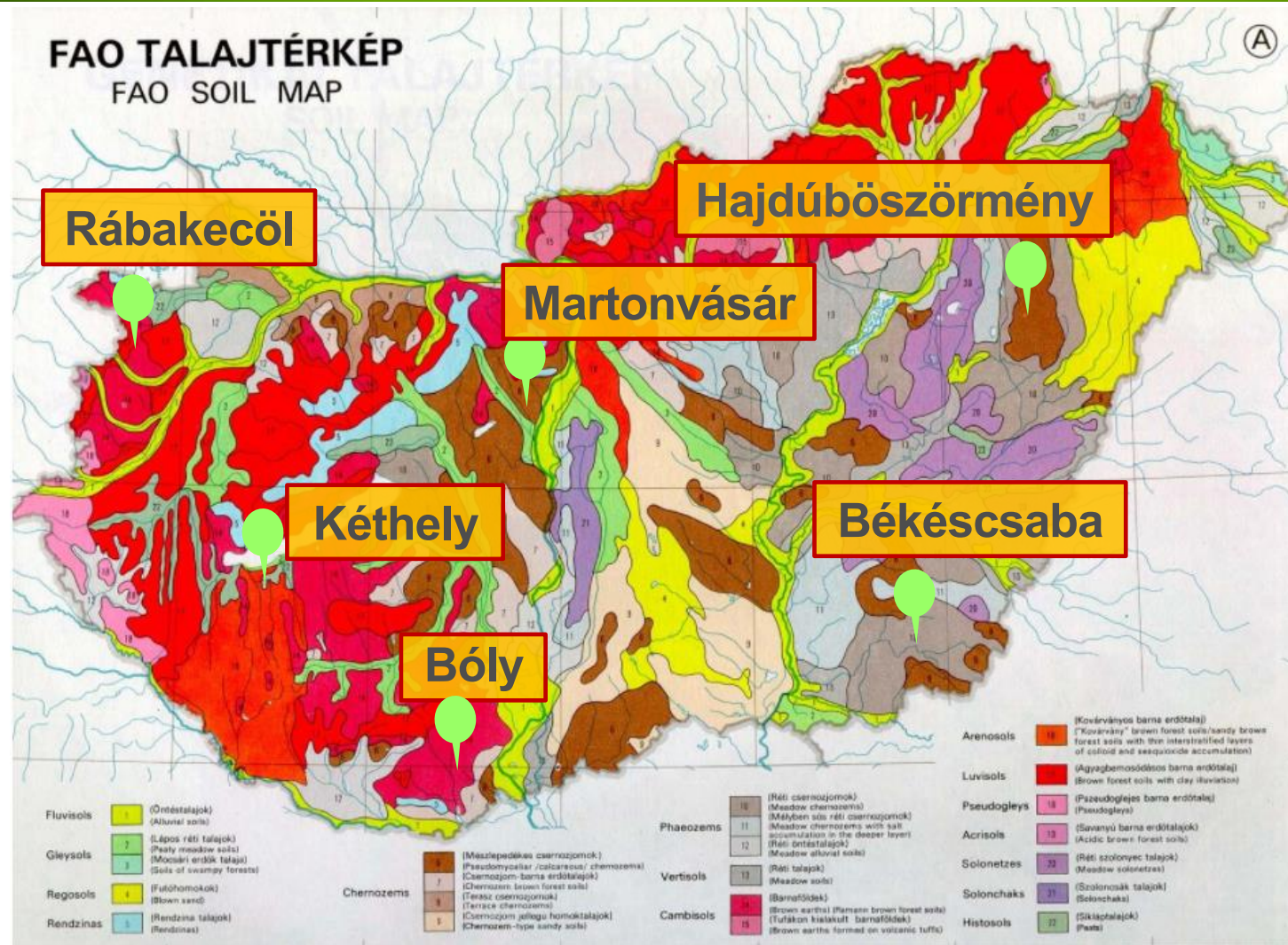
- **Soil type**
- **Precipitation**
- **Average temperature**
- **irradiation**

It allows selection of product under different conditions, where will be faced the product with different „challenges”.

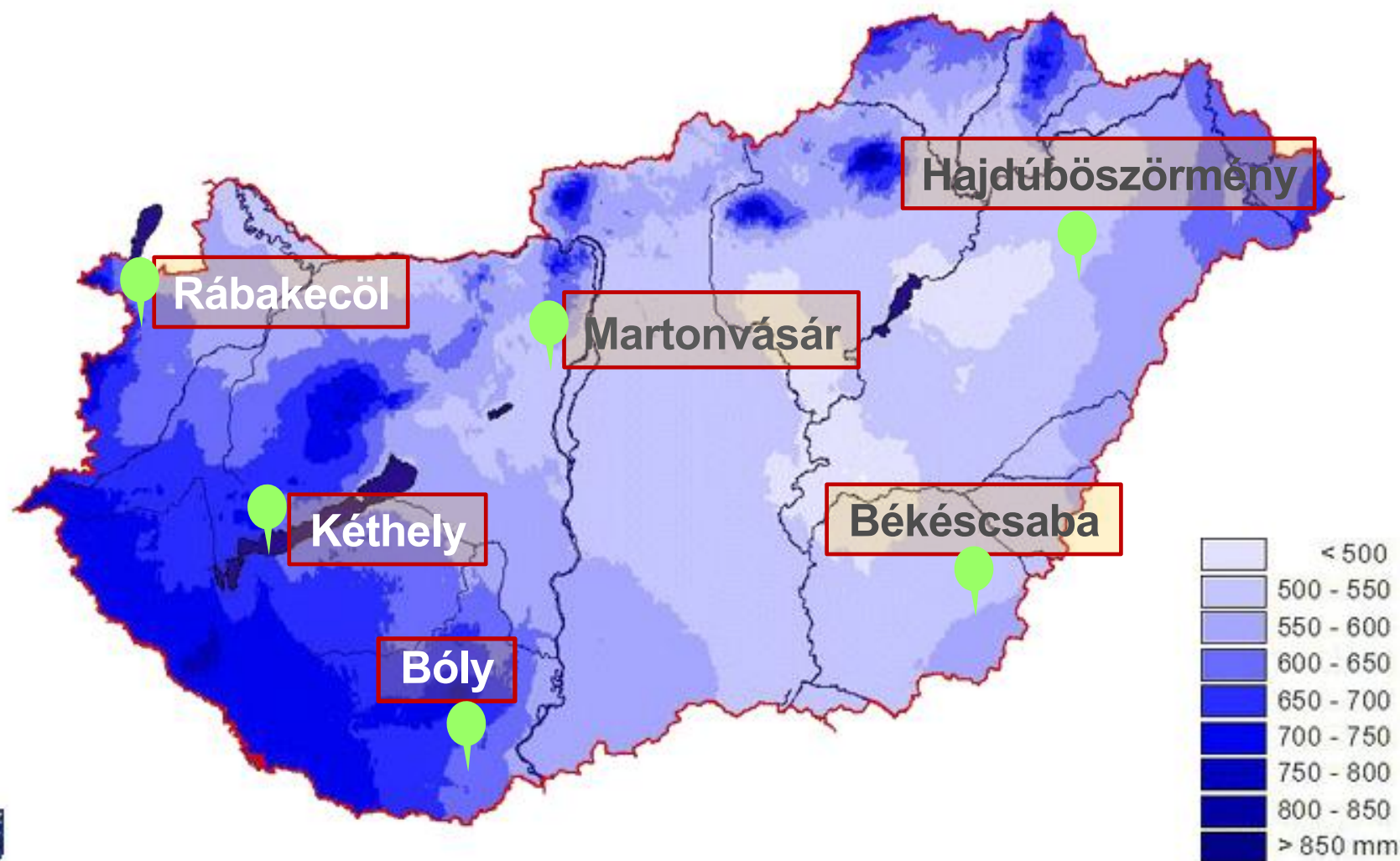
Locations Cereal



Location soil types

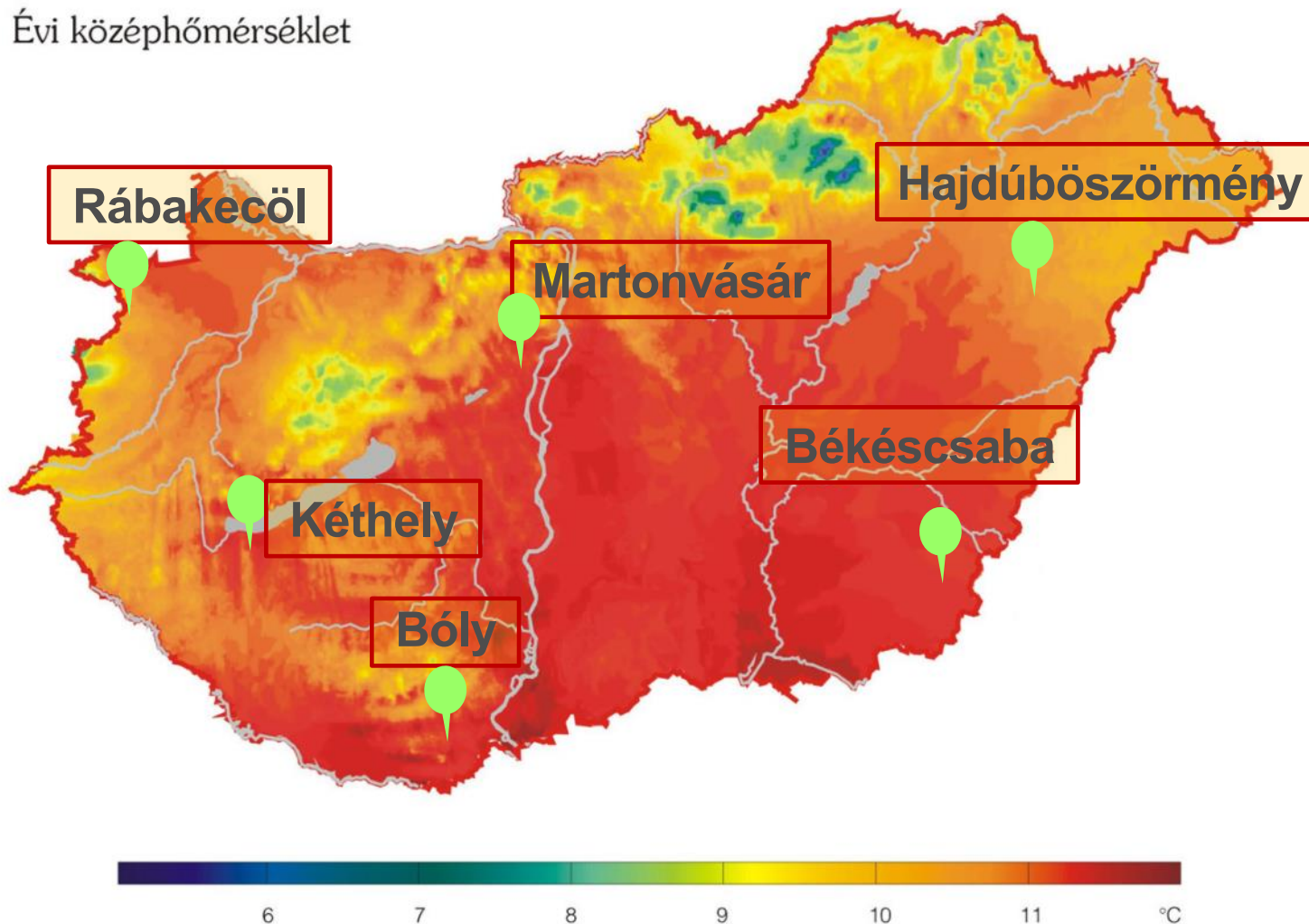


Location precipitation year average



Location yearly average temperature

Évi középhőmérséklet

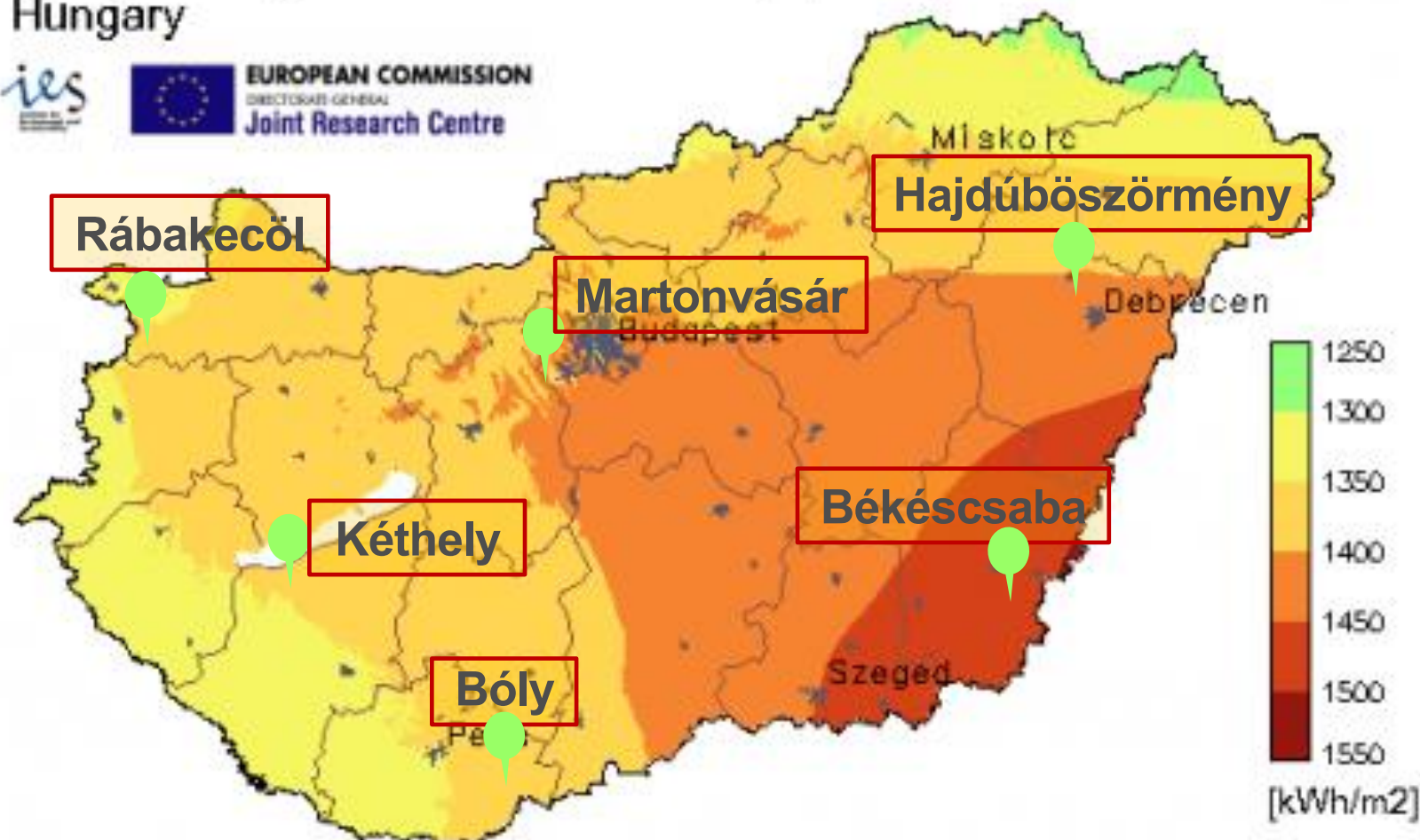


Location yearly irradiation

Yearly sum of global irradiation received by optimally-inclined PV modules
Hungary



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<http://re.jrc.ec.europa.eu/pvgis/>

- **Traditional small plot trial „standard plot”**
 - 11 rows
 - 12,5 cm row distance
 - 32,5 cm between plots (track wide)
 - Plot length 9,5 m + 2,5 m alley (16,15 m² harvested area)
- **Traditional small plot trial „short plot”**
 - 11 rows
 - 12,5 cm row distance
 - 32,5 cm between plots (track wide)
 - Plot length 4 m + 2,5 m alley (6,8 m² harvested area)
 - As there are more work with this plot size, as the farmer compensation is same like at normal plot, the price is also same.

- **Agronomy trials.**
 - Plant density trial (especially at hybrids)
 - Row distance trial
 - 12,5 cm
 - 25,0 cm
 - Different kind of spraying, fertilizer trial like
 - Fertilizer trial
 - Foliar fertilizer trial
 - Fungicide spraying trial
 - Insecticide spraying trial
- **Seed Preparation from bulk to ready for sowing**
 - Seed treating
 - Seed counting with precision counter developed for small size seeds



Machines

- **Planter:**
 - 2 x Wintersteiger Plotseed S,
 - With microgranulate spreader
 - Lemken double disc opener
- **Harvest**
 - Wintersteiger Delta, with 1,5 m wide cereal head, and rubber transport belt
 - Wintersteiger Quantum Pro plot combine
 - Wintersteiger Split double combine
 - Wintersteiger NH Split double combine
- GPS controlled planting with small wheels tractor
- Own fieldsprayer, Pick Up sprayer and fertilizer spreader to work always in time in the trials



Zsolt Zeitvogel: zeitvogel.zsolt@agresearch.hu

Mobile: +36-20/427-1850

Csaba Megyeri: megyeri.csaba@agresearch.hu

Mobile: +36-20/427-1092

AgResearch: info@agresearch.hu

www.agresearch.hu