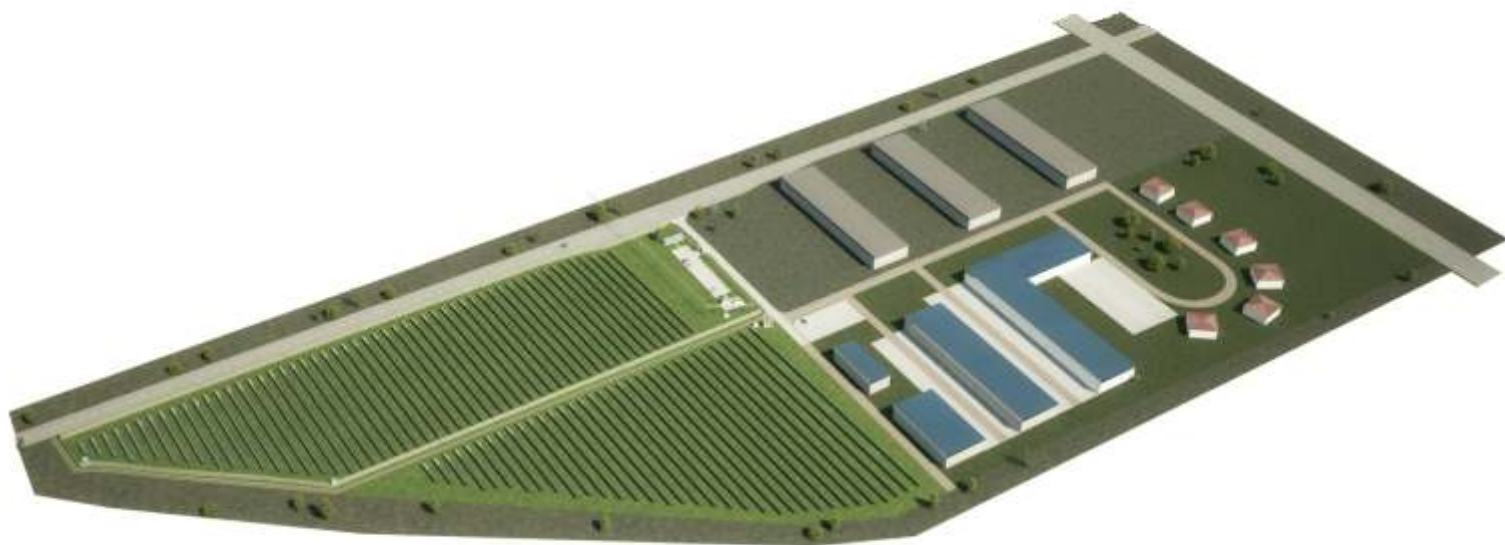


# PROJECTSHEET

PHOTOVOLTAIC-PARK | ARAD

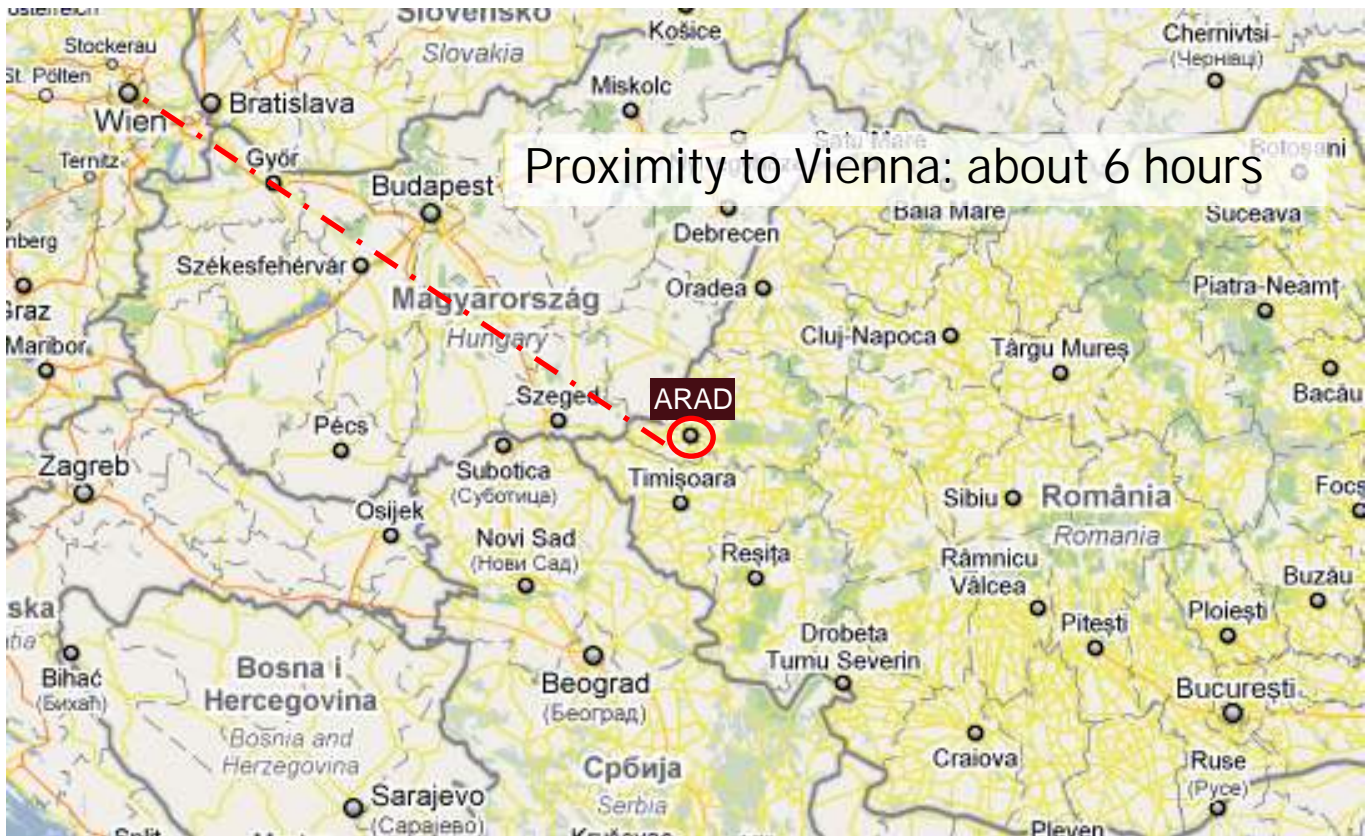


COMPETENCE - CENTER for RENEWABLE ENERGY  
Placed on an area of 11 hectare.

[www.new-energy-projects.eu](http://www.new-energy-projects.eu)

# PROJECTSHEET

## PHOTOVOLTAIC-PARK | ARAD

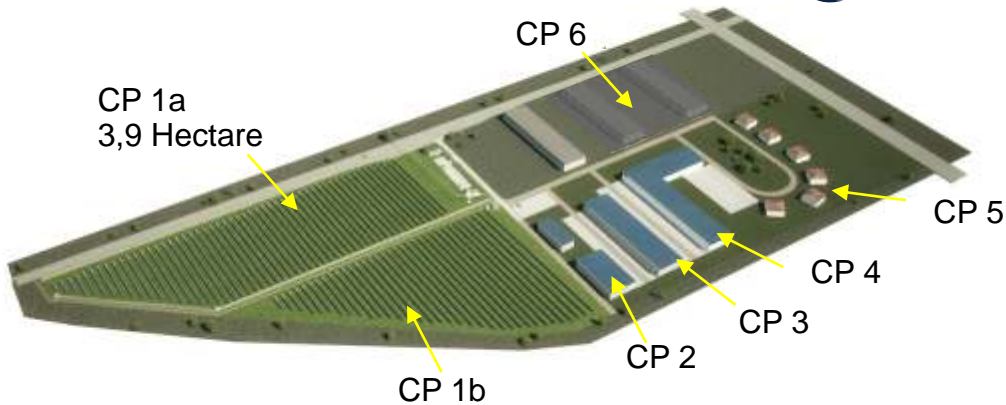


### Arad / Benchmark data

|                             |  |
|-----------------------------|--|
| Geographic location:        | Situated on the western border to Hungary, at the river Mures.   |
| Total area:                 | 6.227,15 Hectare   |
| inhabitants:                | 173 000 (82,6% Romanians, 12,9% Hungarians, 1,7% Tigauns, Germans 1,3%, 0,3% from the former Yugoslavia, 0,2% Slovaks)   |
| Climate:                    | with normal mean values for Central Europe in the summer averages 21 ° C, mean values in winter: -1 C °  |
| Altitude:                   | 110 m  |
| Traffic connection to ARAD: |  |
| Road links:                 | E 68/60, 594 km away from von Bucharest (E), 275 km away from Budapest (V), 550 km away from Vienna (V), E 671 - 50 km away from Temeswar (S) and 117 km from Oradea (N) |
| Rail connection:            | 600 km away from Bucharest und 275 km from Budapest  |
| Air connection:             | The international airport ARAD an the cargo terminal are 4 km away from the city. Distance to the international airport Timisoara: 40 km.                                |

# PROJECTSHEET

## PHOTOVOLTAIC-PARK | ARAD

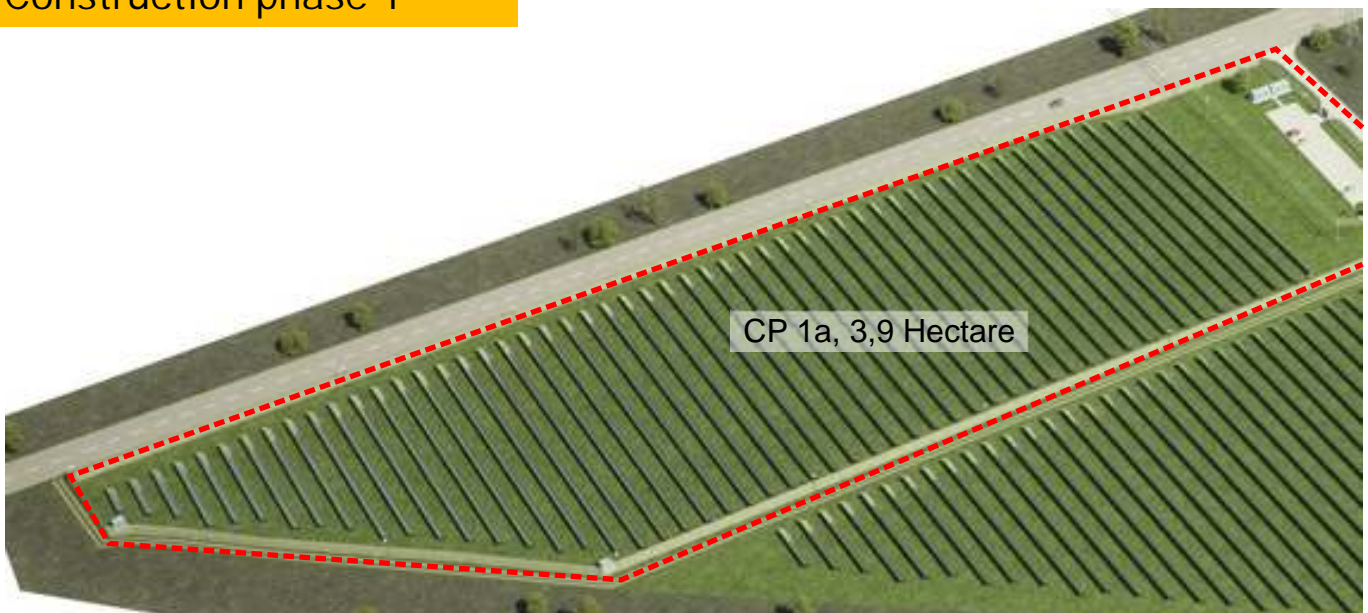


### Construction phases

|       |                                 |      |                                     |
|-------|---------------------------------|------|-------------------------------------|
| CP 1a | Photovoltaic - open space       | CP 4 | Training- and Communications Center |
| CP 1b | Photovoltaic - open space       | CP 5 | Bioenergy housing estate            |
| CP 2  | Biomass / Biogas power plant    | CP 6 | Warehouses and office buildings     |
| CP 3  | Warehouses and office buildings |      |                                     |

Construction phases CP 3, CP 4 and CP 5 are individually modifiable. They can be adapted on each requirement.

### Construction phase 1



In construction phase (CP 1a, 3,9 Hectare) a free space photovoltaic plant will be built with a nominal capacity of 1,4 MWp.

The development plan has been completed. The approval process, including technical solution for the electricity feed-in to the public energy grid is in the final phase. An extension of the park to 2,8 PV MWp is planned and approved.

# PROJECTSHEET

PHOTOVOLTAIC-PARK | ARAD



Total area: 1,4 MWp placed on 3,9 hectare

