

ArchEnergy Accredited Regional Cluster for Renewable Energy and Building Trade



ArchEnergy Cluster was established by four South Hungarian small enterprises in March 2007. Other actors also saw a chance to break out with this co-operation, hence, in 2008, the cluster already had 32 members, and it was then when they submitted their first accreditation proposal. Since then the cluster qualified as an Accredited Innovation Cluster on all occasions, when it submitted such a proposal.

ArchEnergy complex activities encompass a whole array of renewable energetics. Such a broad spectrum of activities can only be executed at cluster level, by utilising synergy effects of combined cluster member competences.

Number of members has been continuously increasing during the past couple of years, and this on the one hand, led to a significant extension of the scope of cluster activities, while on the other hand, the clusters' economic and advocacy role has also intensified. There are currently 85 members in the cluster, from which 77 are SMEs, 5 are large enterprises and 3 are scientific institutions (Hungarian Association of Renewable Energy Sources, University of Szeged, Békéscsaba Regional Training Centre).

The cluster aims at developing in the following two main areas: the cluster strives to integrate external requests as its economic influence is increasing, and aims at improved quality of member relations by new business co-operations and joint projects.

Cluster members are regional and national experts of their professional field of activity. The total revenue of SMEs in 2011 exceeded HUF 54 billion (roughly EUR 194 million). In 2011, cluster member companies, in total, employed 7,123 individuals. The main activity of the cluster is planning, implementing and permitting investments related to energy efficiency and renewable energies – solar collector, solar heating, heat pump and biogas systems, biomass furnaces; construction, electric works, insulation, doors and windows, energy efficient lighting systems; feasibility studies, return calculations, energy audit, recommendations on energy consumption improvement.

Objectives of ArchEnergy were outlined in harmony with Hungary's renewable energy utilisation action plan and New Széchenyi Plan Green Economy Development Programme. In light of this, ArchEnergy aims at establishing and operating an internationally acknowledged innovative and green energy co-operation, aims at establishing a cluster manufacture capacity related physical and human innovation background and improvement of the cooperation by developments implemented by the cluster.

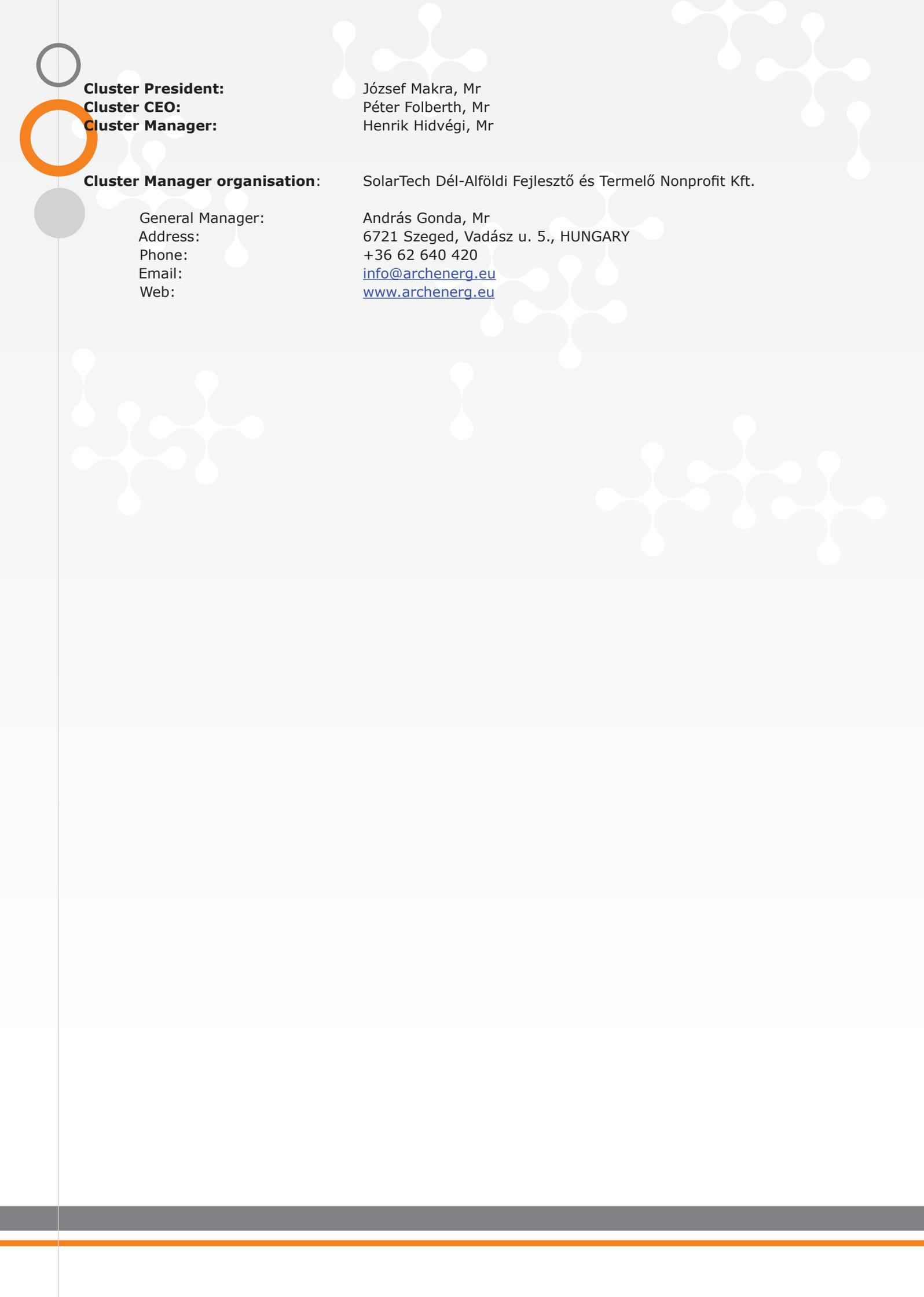
Founding members:

- GOBOKER Kft.
- NARIZ Kft.
- BAUTENDER ZIEGEL Kft.
- PROVILL 3000 Bt.

Project Plans:

1. Implementation of complex energy efficient systems
2. Development of intelligent town energetics systems
3. Development and optimisation of passive building technology.
4. Production of energy efficient building materials with regional traditions
5. Integrated biomass systems
6. Establishment of a renewable energy incubator house
7. Development and streamline of energy conversion solutions
8. Renewable energy based power plants





Cluster President:

Cluster CEO:

Cluster Manager:

József Makra, Mr
Péter Folberth, Mr
Henrik Hidvégi, Mr

Cluster Manager organisation:

SolarTech Dél-Alföldi Fejlesztő és Termelő Nonprofit Kft.

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