Havaria Cluster of Environment and Health Technology

The Havaria Cluster of Environment and Health Technology was established in 2006 with the participation of companies and organisations that have their common interest in efficiently exploiting the results attained in science and technology to the benefit of the economy, human services and to ensure environmental sustainability. At present the





cluster has 41 members, from which 31 are SMEs, 2 are large companies, and 6 are non-profit organisations. The cluster was awarded the Accredited Innovation Cluster in 2010, and this title was renewed in 2012.

The activities of the cluster currently are focused on 3 areas: innovative crop production and feed production technologies and agricultural services; production of innovative foodstuffs; manufacturing of products, elaboration of technologies and services contributing to environmental sustainability. The member companies are active in the following areas, industries: agriculture, forestry, fishing; processing industry; electricity, gas, steam provision, air conditioning. Medium-term goals of the organisation include also the production of functional feed plants, enhancing the production technology of solar cells, and developing of innovative livestock production technologies.

University and non-profit research centres play a significant role in the cluster - they share the results of international quality basic and applied research with the members of the cluster, thus assisting in their development. Non-profit research centres directly participate in the innovation projects, based on their knowledge base they perform laboratory tests, experimental technological developments, and contribute to successful developments with theoretical advice.

In 2010 the total staff number employed by the member companies of the cluster was 2,071, from which 1,546 people were employed by SME members. The total net sales in 2010 amounted to HUF 68.44 billion (EUR 246 million), from which the SME members accounted for HUF 36.47 billion (EUR 131 million).

Project Plans:

- 1. Innovative development at Ászártej Kft (functional feed)
- 2. Development of a new innovative service at Oldcet Kft (disinfecting service)
- 3. Introducing a high-value genetic potential and developing the technological elements necessary for its exploitation, market entry
- 4. Development of an entire feed production and processing technology system
- 5. Innovative technology development of the production of white creamy cheese
- 6. Modernisation of the Barcs plant of Dráva Tej Kft to enable them to produce cheese specialities, and research and development activities aimed at large-scale production of Middle Eastern artisan cheese
- 7. Innovative development at Ászártej Kft
- 8. Innovation at Sió-Eckes Kft
- 9. Marketing of a gluten-free ready-to-cook deep-frozen product range
- 10. Development of the production line technology of solar cells at Jüllich Glas Holding Zrt
- 11. Supporting market-oriented R&D activities at Jüllich Glas Holding Zrt
- 12. Development of a special briquetting machine at Forráscentrum Kft
- 13. Development of a horizontal briquetting technology with the use of new material types at Majsa Herba Zrt

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