



# Region: Hajdú-Bihar

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PRESENTER: IBRÁNYI ANDRÁS

INSTITUTION: HAJDÚ-BIHAR COUNTY GOVERNMENT

## Territorial Context and Background

### Location

- Hajdú-Bihar county is part of Észak-alföld Region

### Key economic, social and geographic characteristics

- area is 6 210,88 km<sup>2</sup>
- density of population: 88,3 capita/km<sup>2</sup>,  
the County is the 4th in terms of density
- number of settlements are 82
- favourable, bordering location
- Number of inhabitants: ~ 500.000 people
- dual economic structure: **Debrecen** as a centre with university, high level services, multinational companies, innovation, and **rural areas** with massive agricultural potential (arable lands, fruit and egetable production)



## Territorial Context and Background

### Main industries

- **tourism**: favourable natural resources (Hortobágy)
- **agriculture** and **food processing**
- **pharmacy** and medicine industry
- **electronics**
- transport and communicational infrastructure has been developed: in eastern Hungary, the airport is a main advantage, good quality road and railway infrastructure is the main benefit
- recently, economic infrastructure has been significantly developed as **industrial parks** and business incubators were developed and **clusters** were established. There are also significant amount of brownfield sites in the County suitable for economic development



## Territorial Context and Background

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### Relevant Science, Technology and Innovation Assets (Universities, Technology Centres...)

- **University of Debrecen:** the well developed educational and training institutional background provides good circumstances for quality development
- agencies: innovational agency, energy agency, enterprise development association
- Hungarian Academy of Sciences, Institute for Nuclear Research

# Cluster Policy Background in the Region/Territory

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## **Date of Implementation**

- Economic Development and Innovation Operation Programme (GINOP) – 2014-2020

## **Policy Design and Implementation Process & Actors**

- Ministry for National Economy International and Cluster Department

## **Cluster Characterisation in your Region**

- strategic planning of clusters
- conferences, forums, seminars, fairs
- project development services
- attraction of financial sources
- policy implementation, recommendations
- study visits
- trainings

## Cluster Policy Background in the Region/Territory

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### Support Programmes (Characteristics)

Selection criterias:

- supporting national/territorial policies
- income
- personal costs
- time of operation
- membership fee
- number of membership
- number of jointly developed products and services
- ratio of processing industry

## Cluster Policy Background in the Region/Territory

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### Support Programmes (Characteristics)

Selection criterias:

- involvement of higher education of large companies
- production of „Hungaricum”
- qualification by European Secretariat for Cluster Analysis
- participation in international projects
- cooperation with international clusters
- multilingual websites
- number of participations on fairs or international
- exhibitions

## Cluster Policy Background in the Region/Territory

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### Support Programmes (Characteristics)

Type of Assistance (Financial Support, Technical Assistance, Training staff...)

- ICT development
- Licence, database development
- Trainings (both members and management organisation)
- Development of cluster management services for international market penetration (meetings, fairs, conferences, market analysis, European Secretariat for Cluster Analysis)
- Marketing
- Organisational and administrative developments
- Consultant services in terms of public procurement



# Cluster Organisations Ecosystem in the Territory

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## Cluster Organisations in the Territory

### Accredited Innovational Clusters

- Hungarian Sport and Lifestyle Development Cluster (36)
- Pharmapolis Innovative Food Industry Cluster
- Silicium Valley regional Informatic Cluster
- Pharmapolis Innovative Medicine Industry Cluster (24)
- Thermal and Health Industry Cluster (44)

### Developing clusters:

- Green industry Cluster (12)

# Cluster Organisations Ecosystem in the Territory

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## Cluster Organisations in the Territory

Emerging clusters:

- Green Technology Cluster
- Central European Production and Logistic Innovational Cluster
- Thermal Energy Utilisation and Innovational Cluster
- Zemplen Local Product and Services Cluster
- Alföld Legendarium Cluster (90)
- Észak-Alföld Informatic Cluster (28)

# Cluster Organisations Ecosystem in the Territory

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## Cluster Organisations Governance

- mainly private or non-profit

## Cluster Organisations Funding

- membership fee, EU funding, share of product and service development

## Territorial RIS3

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### RIS3 Design Process

- centralized S3
- 2013: RIS3 strategies
- 2014: European Commission communication about missing links and structure
- 2014: new S3 development
- EDP
- County workshops (profiles)

## Territorial RIS3

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### Main RIS3 Priorities

- health industry
- food industry
- electronics and machinery
- ICT
- agriculture
- renewable energy
- material science

### Cluster Organisations' Role in RIS3 Design and Implementation in the Territory

- no direct significant role

# Regional Partner's Contribution & Expectations

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Contributions (Experiences & Competences)	Goals & Expectations
1 coordination	Best practices
2 integration	Support
3 assistance	International relations

# Regional Partner's Contribution & Expectations

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KÖSZÖNÖM!

THANK YOU!

GRACIAS!

DZIEKUJE!

GRAZIE!

PALDIES!