

# WG2: GI in Land Management and Rural Development



- **The Project**
- **Progress of The Project**
  - Information Collection
  - Data Collection
  - (Data Integration)
- **Presentation and Lectures of WG2**
- **Conclusions**





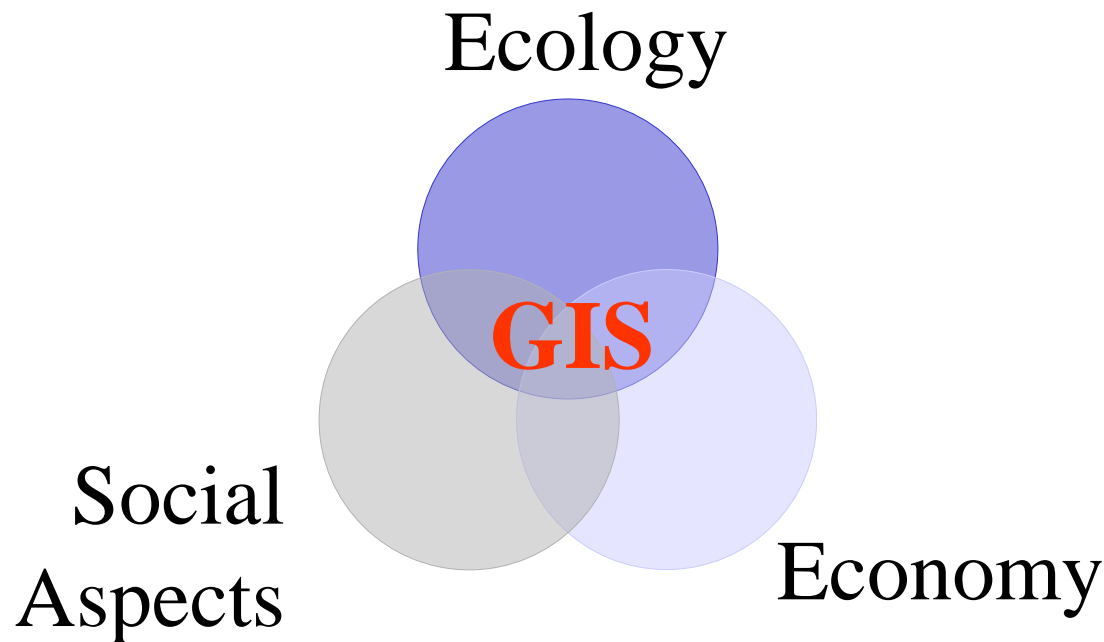
# The Project: Description

- **Purpose:** Sketch a future Development Plan for the Village of Pakozd and compare it with existing Development Plan

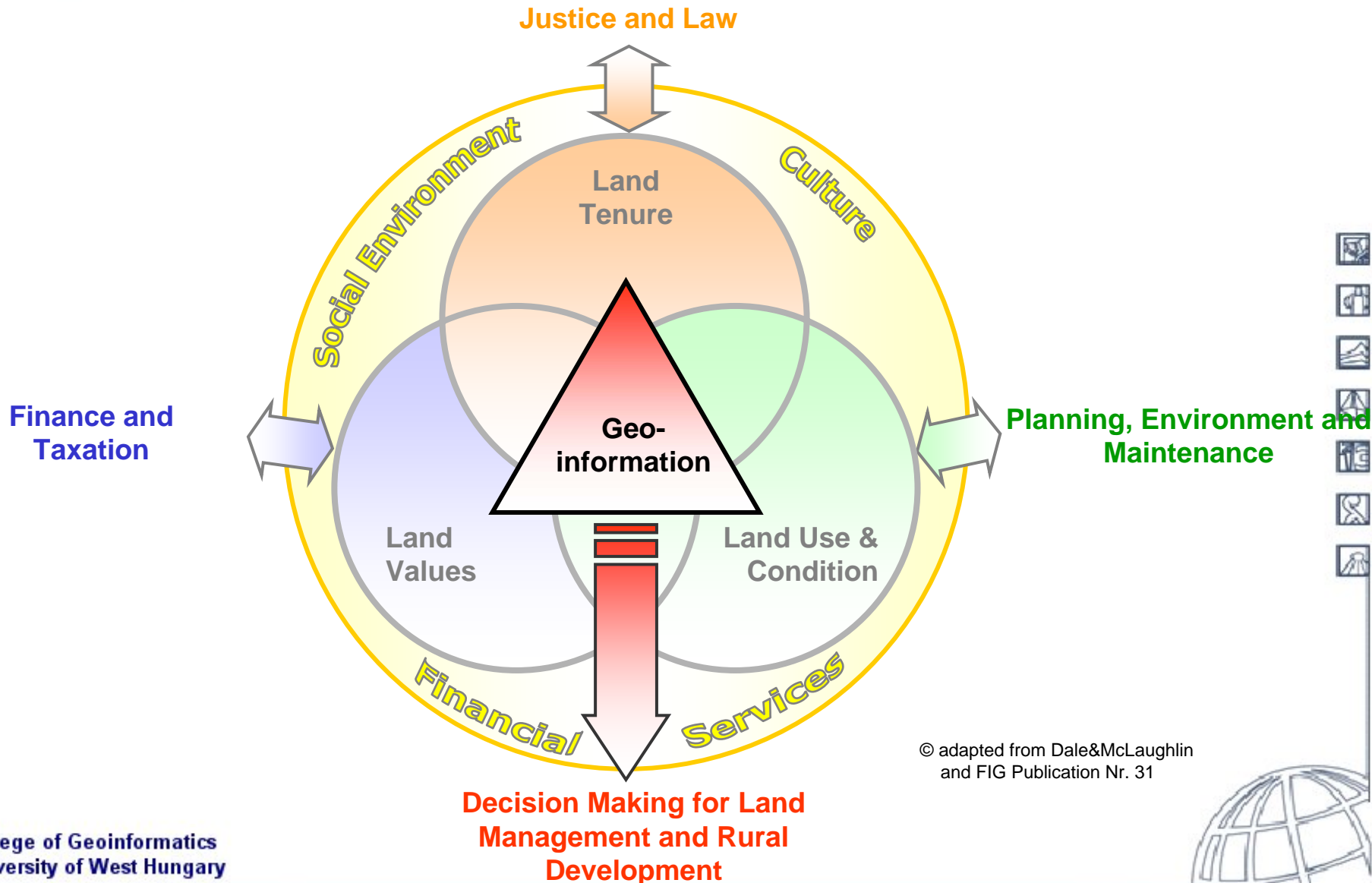


# The Project: Description

- **Purpose:** Sketch a future Development Plan for the Village of Pakozd and compare it with existing Development Plan
- **Methods:** Different Scenarios using GIS Technology



# Required Data for Decision Making



# Data required – Data available

- Topographic data (maps)
- Land cover and land use (? Corine; ?Classification Landsat Data)
- DTM (derived from contour lines)
- Geo-scientific data (soil, geology, hydrology)
- Cadastral map
- Socio-economic data (inhabitants, age, sex, migration, income, education, employment)



- Infrastructure map
- Administrative data
- Protective areas
- National and regional development plan
- Image data
- Historical background and archeology
- Meteorological, climate data
- .....





# The Project: Available Software

INTERGRAPH GeoMedia  
ESRI ArcGIS (limited licences)



- **Field Work**
  - Interview with Mayor and discussion (incomplete)
  - Site Survey (incomplete)
- **Results:**
  - Knowledge and Understanding of Procedure about Development Plan
  - Current Plan



# Current Development Plan



- **Legal Framework for Spatial Planning**  
*I. Balsay*
- **EU Regions and National Demands for Spatial Data concerning EU Accession**  
*P. Heinrich*
- **Short Introduction to GIS Software**  
*A. Guszlev*  
*Ö. Yalciner*
- **Coordinate Systems and Projection Systems**  
*R. Mansberger*





- **Thank you for your attention**

