





# CLUSTERIX 2.0

Interreg Europe



European Union  
European Regional  
Development Fund

## Romanian Cluster Evaluation System

**Daniel Cosnita**

INMA

Cluster expert

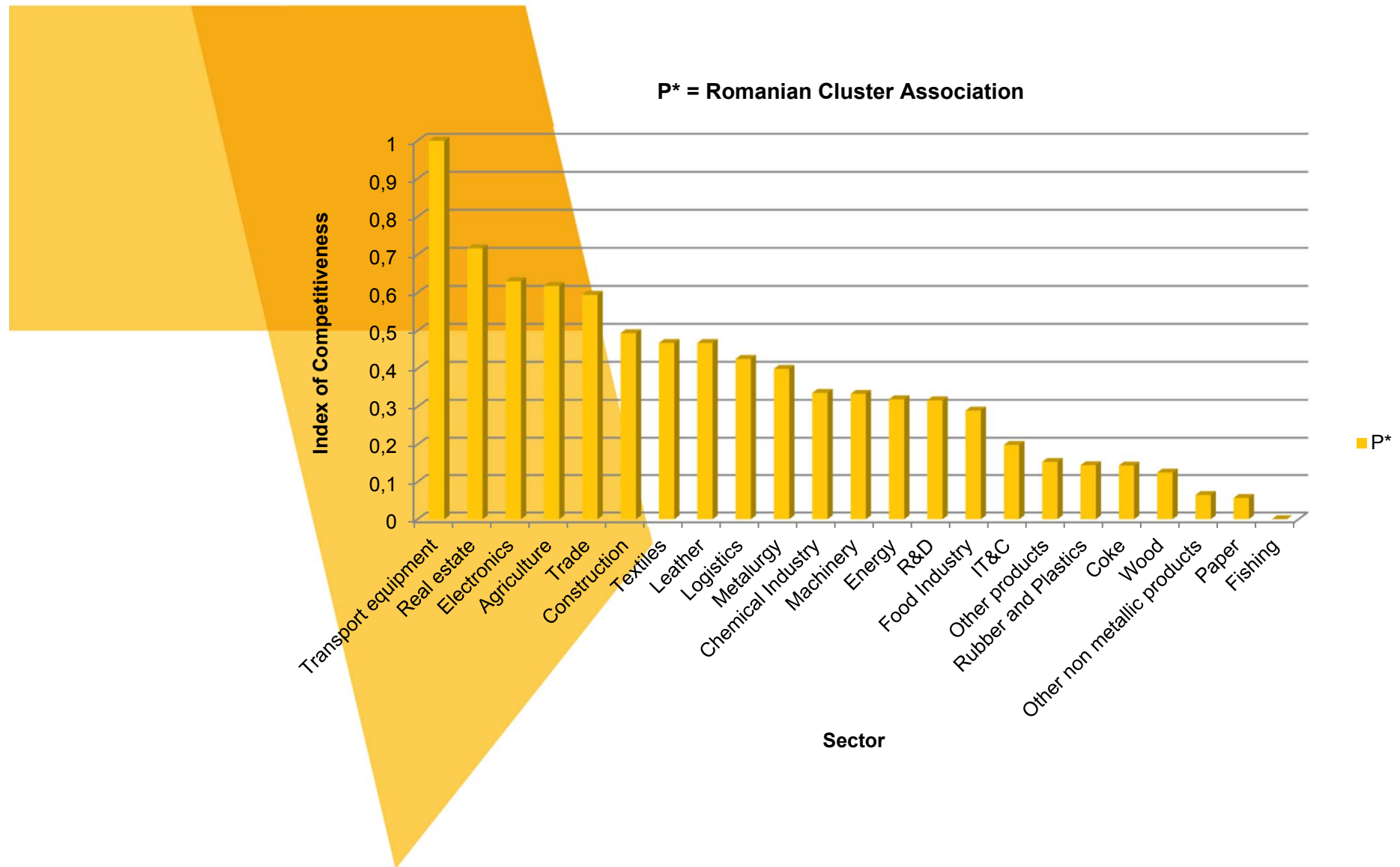
21 November, 2017 | Project Meeting & Study Visit in Romania

---

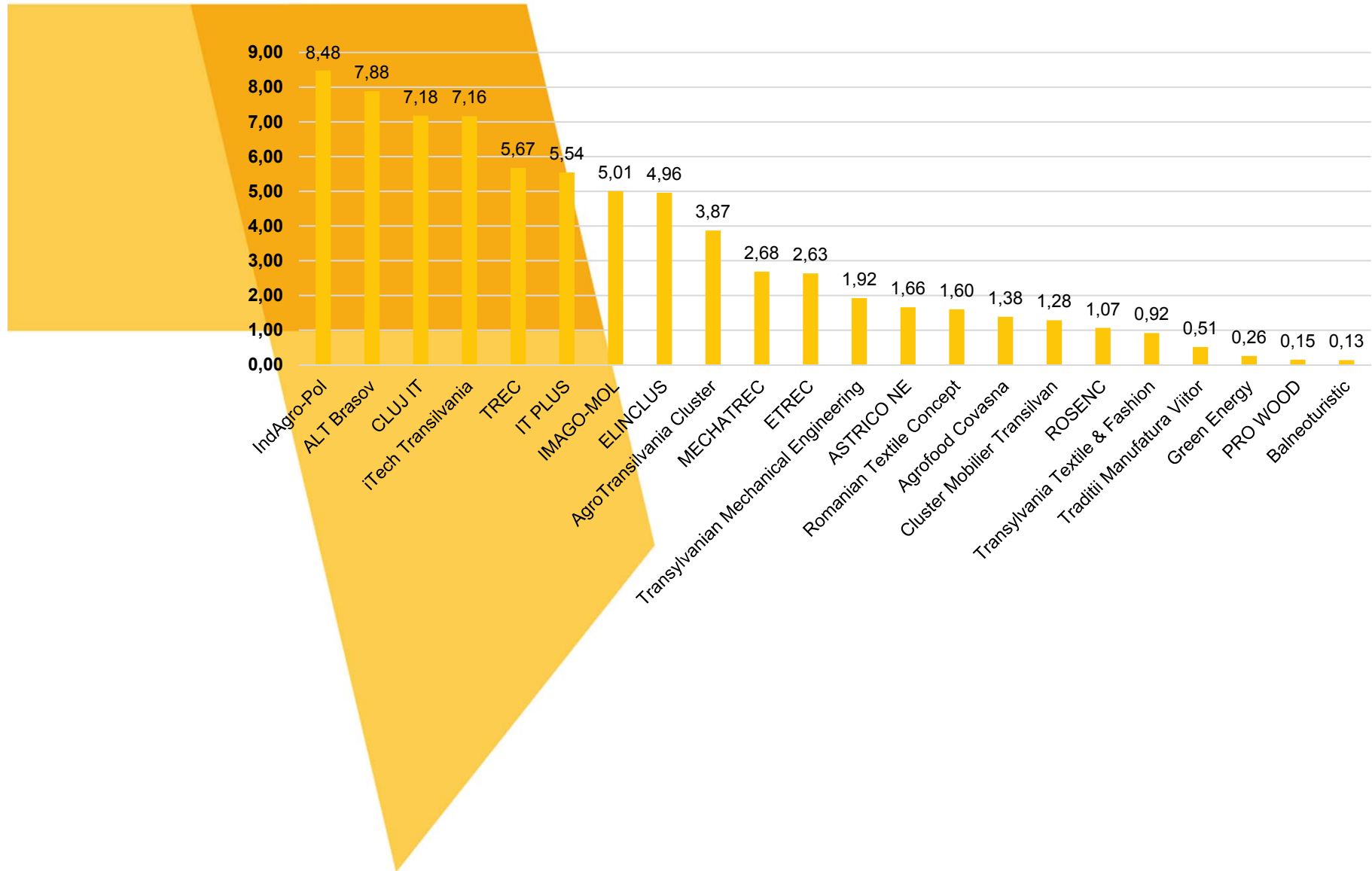
# Comparative Analysis

Model	Description	Cluster Generation	Competitiveness Evaluation	Management Performance	Flexibility
The CLUSTERO (Romanian Cluster Association) Model	The model uses both a qualitative and quantitative approach; it lacks correlation between the two approaches	It contributes directly to cluster generation efforts as it sets a cluster definition\	It contributes directly	It contributes indirectly via the competitiveness index	It can be applied both at cluster and economic sector level. It cannot be applied at the level of individual members.

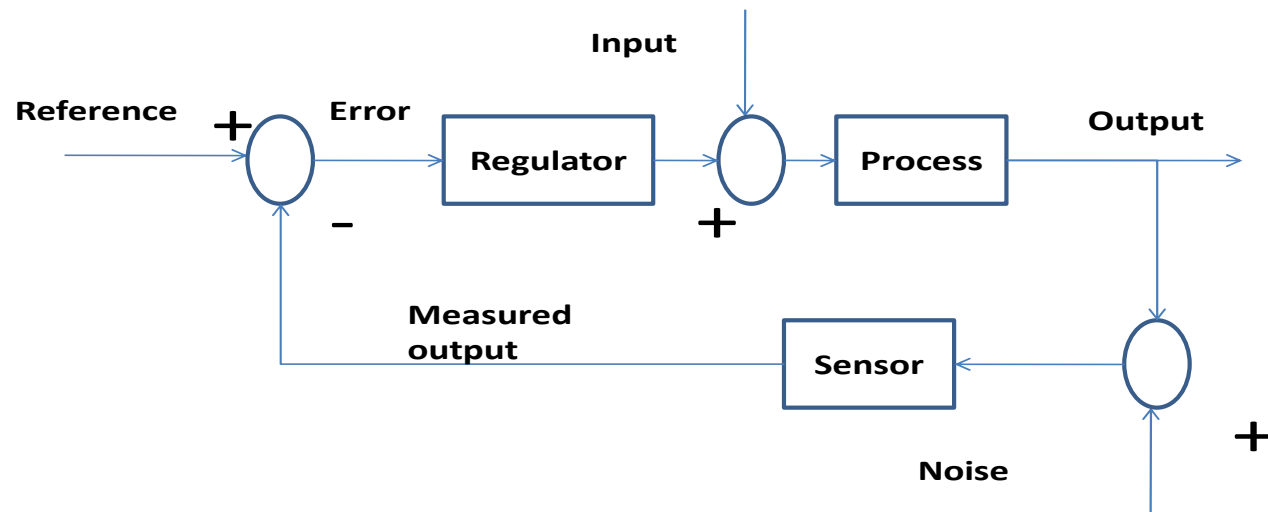
# Status Quo: Sector Level (RO)



# Status Quo: Cluster Level (RO)



# Proposed model: Dynamic System with automatic adjustment (RO)



# Proposed Model: Indicators

## Indicators

### QUANTITATIVE

- Importance (W)
- Size (SZ)
- Concentration (C)
- Specialisation (SP)
- Innovation (I)
- Export (X)



### QUALITATIVE

- Geographic concentration (G)
- RDI (RDI)
- Labour Force (E)
- Internationalisation (IN)
- Strategy (S)
- Cooperation (COOP)

# Proposed Methodology: Cluster Function

$$F = F(W, SZ, C, SP, I, X, G, RDI, E, IN, S, COOP) \quad (2)$$

$$F_i = s_i \text{coop}_i^* (w_i + sz_i + g_i e_i (sp_i + c_i) + rdi_i^* i + in_i x_i)$$



# CLUSTERIX 2.0

Interreg Europe



European Union  
European Regional  
Development Fund

## Thank you!

Questions welcome



*Project smedia*