



The example of the energy self sufficient city of Güssing

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The location

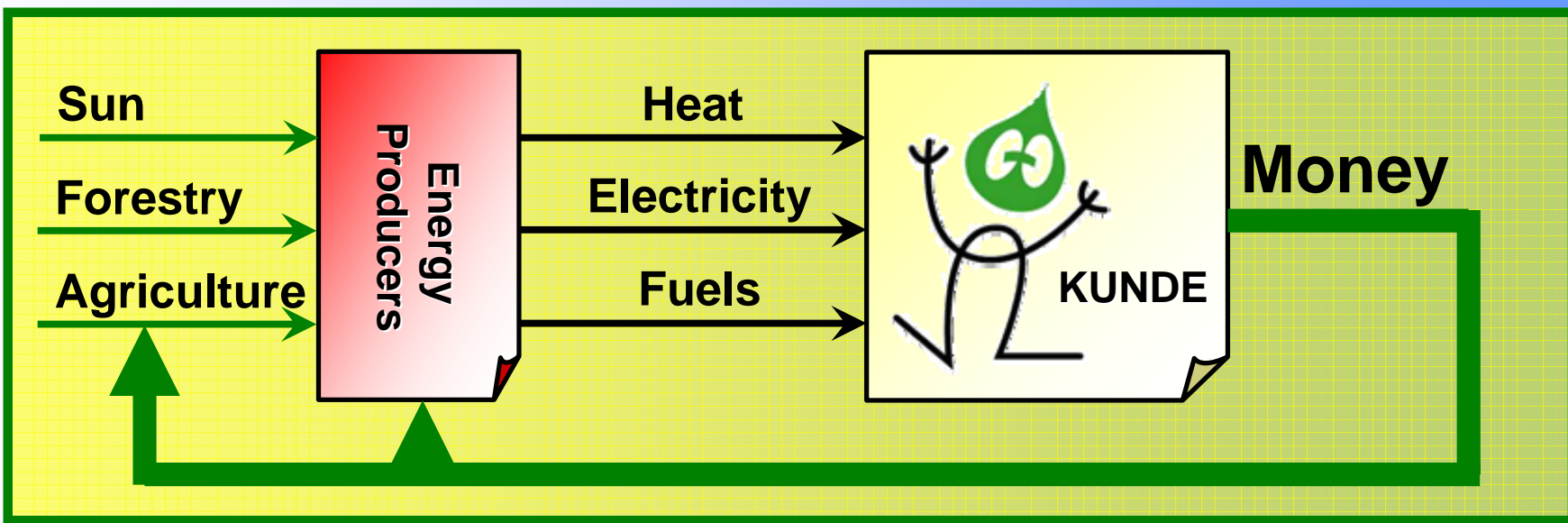
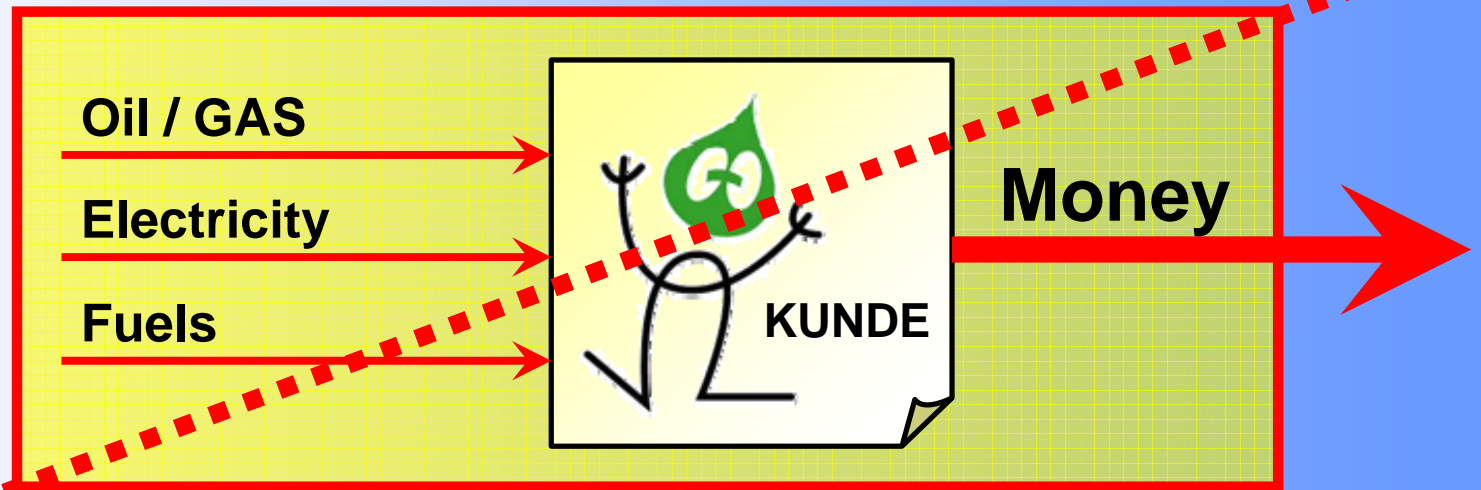


The Background



- **50 years cross border region to Hungary**
 - **no industry**
 - **high rate of unemployment**
 - **70% commuters**
 - **high migration rate**
- **small structured agricultural fields**
 - **no traffic infrastructure**

The added value



The Network (EEE)



The added value



of the town Güssing

- 50 new companies
- more than 1.000 new jobs
- net 9 Mio. Euro/year
- total sales volume of 13 Mio. Euro/year
- total wood consumption of 20.000 t/year

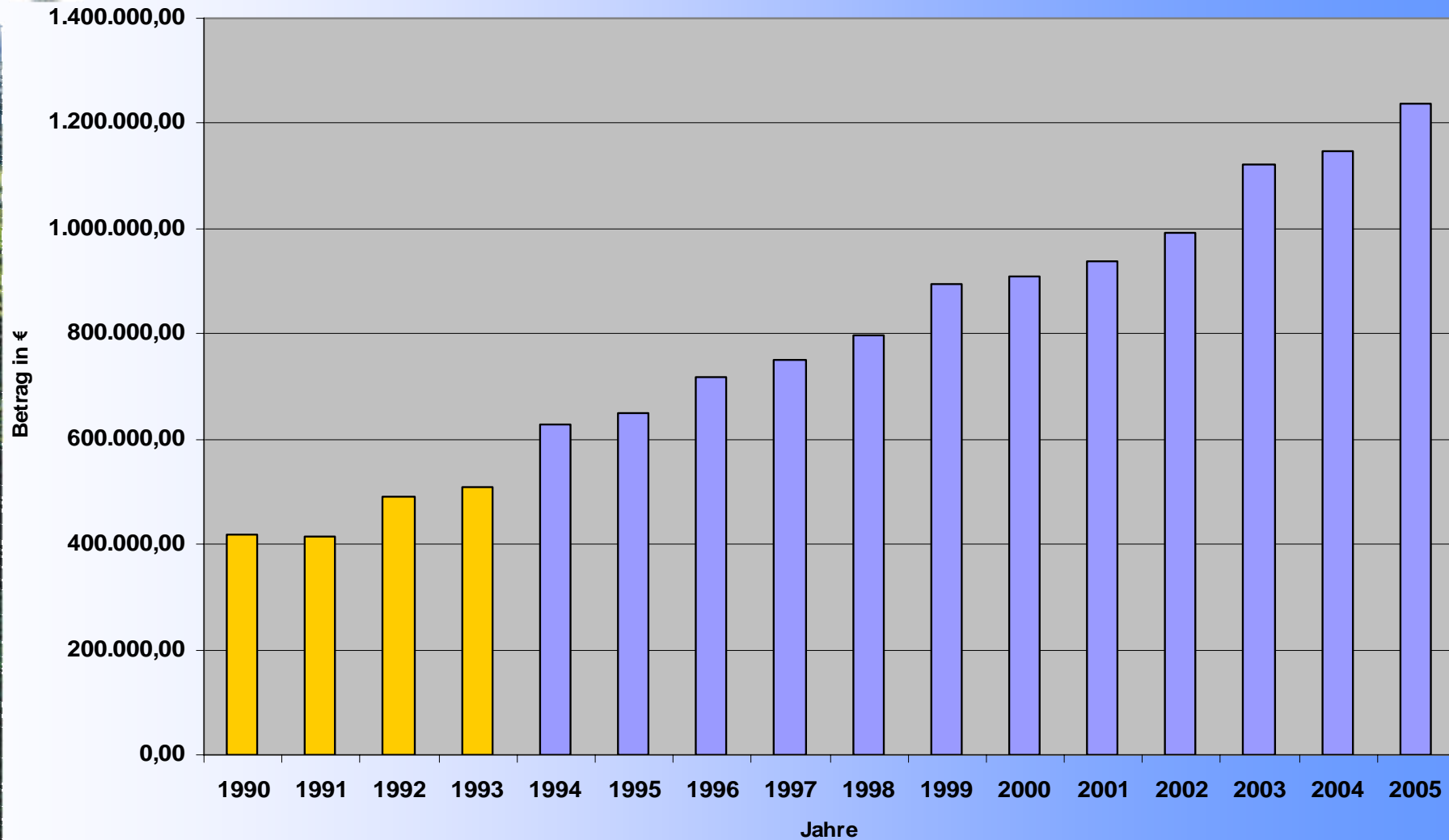
of the district Güssing

Current added value by a self sufficiency of 45% with renewable energies of around **18 Millionen EURO**

Possible added value by an overall self sufficiency with renewable energies of around **37 Millionen EURO**

Municipal tax development

Kommunalsteuerentwicklung 1990 - 2005



Target values



Target values for the substitution of Gasoline and Diesel

	2005	2007	2008	2010	2015	2020
Biofuels	2,5 ¹⁾ [2% ²⁾	4,3% ¹⁾	5,75% ¹⁾	[5,75% ²⁾	7% ³⁾	8% ³⁾
Natural Gas	-	-	-	2% ³⁾	5% ³⁾	10% ³⁾
Hydrogen	-	-	-	-	2% ³⁾	5% ³⁾
Total	2%	5,75%	5,75%	7,75%	14%	23%

- 1) Österreichische Biokraftstoff-Verordnung, 4. November 2004
- 2) EU Biotreibstoff-Richtlinie, 2003/30/EG
- 3) EU Grünbuch Energieversorgungssicherheit, KOM(2000)769