



Documentation DIAMONT Indicator

derived from DIAMONT Database www.diamont-database.eu



This project has received
European Regional
Development Funding
through the INTERREG III B
Community Initiative



Interreg III B



Federal Ministry for the
Environment, Nature Conservation
and Nuclear Safety



Bavarian State
Ministry of the
Environment,
Public Health
and Consumer
Protection

General Data	
Diamont ID:	75
Indicator title:	Effective Mesh Size of Agricultural, Near-natural and Natural Areas [75]
Indicator formula (image)	$m_{eff}^{CBC} = \frac{1}{A_{total}} \sum_{i=1}^n A_i \cdot A_i^{cmpl}$ <p> m_{eff}^{CBC} effective mesh size - cross-boundary connections (CBC) A_{total} total area of reporting unit n number of patches A_i size of patch i inside the boundaries of the reporting unit </p>
Indicator unit:	km ²
Maintrend:	1) Local (centres and fringes) between competition and cooperation
Pillar	1) Environment
Topic	environment
Comment	
References	<p>Similar or identical indicators in indicator sets on European or world level (cp. EU, 2005. Measuring progress towards a more sustainable Europe - sustainable development indicators for the European Union. EU, Luxemburg):</p> <p>EEA, 2007. Transport and environment: on the way to a new common trans-port policy. TERM 2006: indicators tracking transport and environ-ment in the European Union. EEA Report No 1/2007. Query: 14.02.2008.</p> <p>http://reports.eea.europa.eu/eea_report_2007_1/en/eea_report_1_2007.pdf, EEA, Copenhagen.</p>