

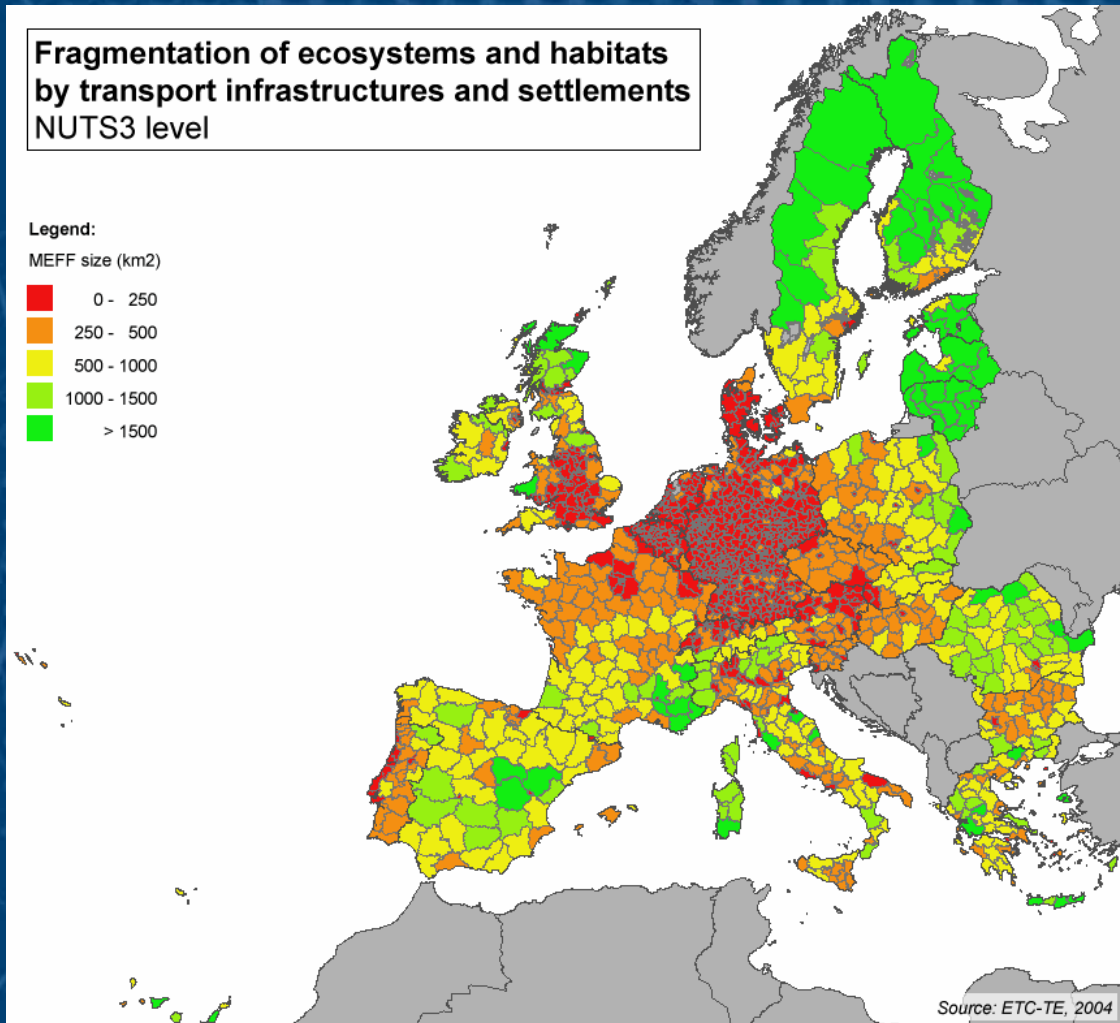
# Fragmentation / Connectivity

MEFF approach

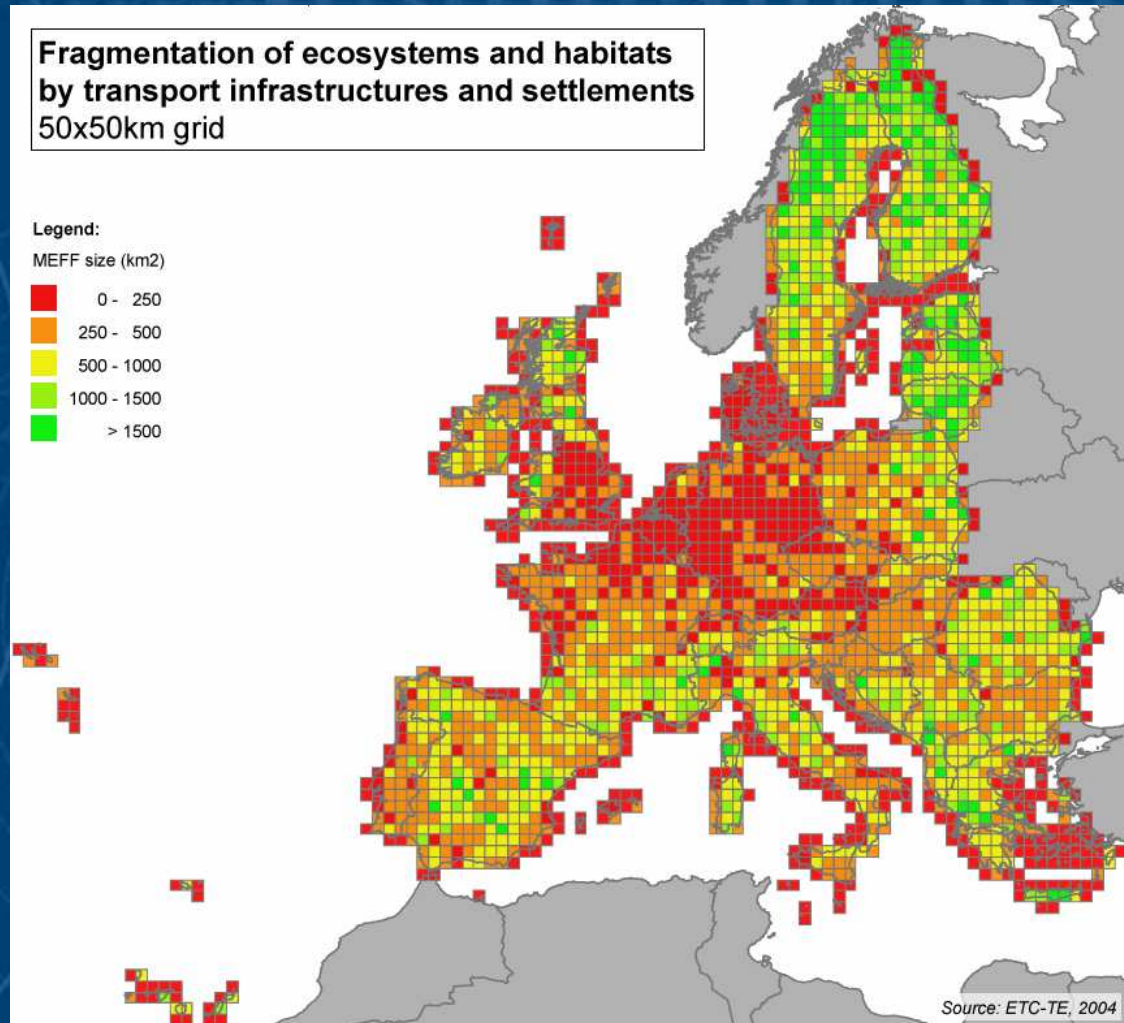
# Fragmentation of ecosystems

- based on “effective mesh size” methodology by Jochen Jaeger
- definition of the term is: “the probability that two randomly chosen points in the landscape will be in the same patch”.  
It can be interpreted as the possibility that two individuals can encounter each other. When multiplied with the total area it converts this probability into an area, which is the effective mesh size.
- currently used for TELC02 indicator - Fragmentation of ecosystems and habitats by transport infrastructure and settlements; to be used for TERM

- per NUTS



- per GRID50km



# Planned activities in 2005

- improving data quality data on transport networks (TELEATLAS) and urban (new UMZ)
- linking to LEAC framework
- considering ecosystems, species & scale specifics (species profiles)

**Thank you !**