

142.861 inhabitants
203 inhabitants/skm
urban waste: 507 kg/inhabitant/year



Enviromental and settlment system

manufacturing industry and concentrated



trade



handicrafts



agriculture/farming

88% of territory is covered by open fields



main products:

wine

oil

sheeps

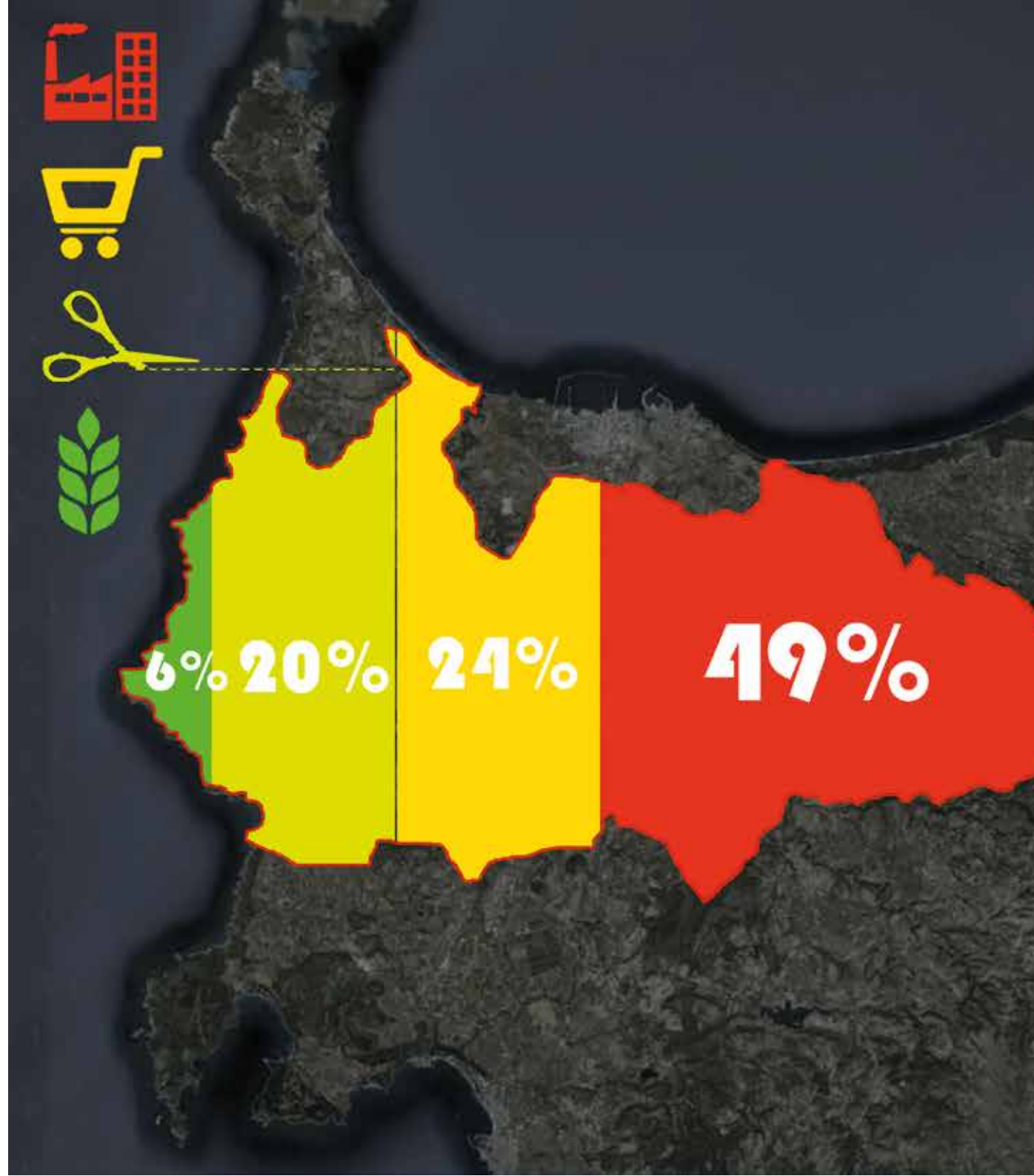
6%

20%

24%

49%

Productive system



The conventional approach to the problem of waste in Nurra is not been solving by trying to reduce or reuse it, but by only differentiating and selling to big companies from the rest of Italy.

The problems of this approach are:

1_The awareness of the citizens is only made by using the topic of the environment, there's not a system of penalty or incentive in order to make people active in the waste management.

2_There's not a perception of the connection between the various stages of waste management from collection to transportation to disposal.

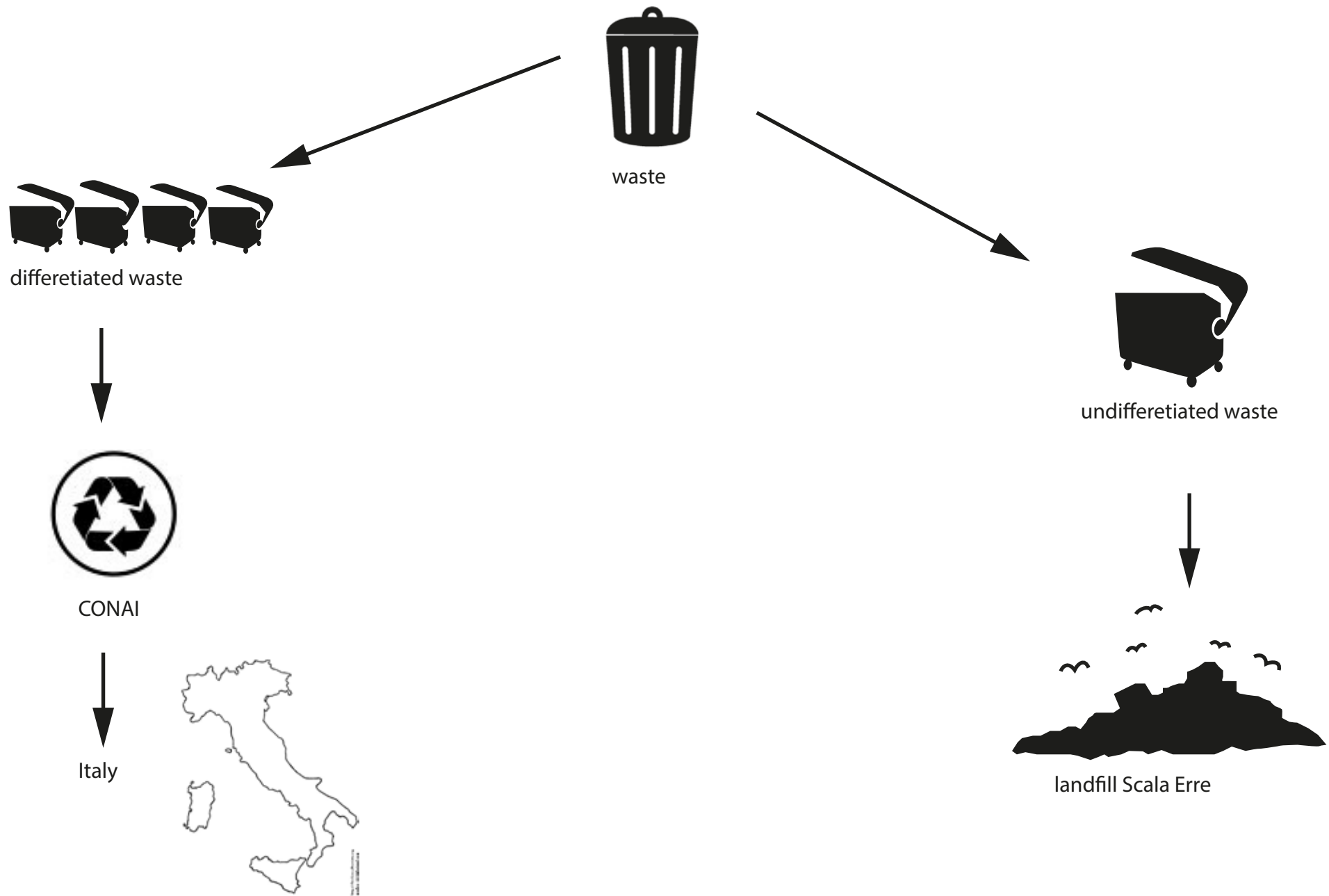
3_Before throw the things, the people don't think to reuse waste, which are considered as something to be eliminated, even if they have often the potential for the creation of new products.

How to solve the problem of waste and involve the people of Nurra?

An economic and productive system can be developed from what we now consider waste, with the aim of involving citizens and improve the economy of the territory of Nurra

Landfill sites

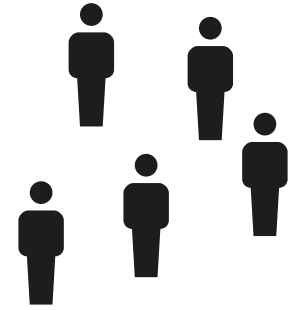




Existing waste management system



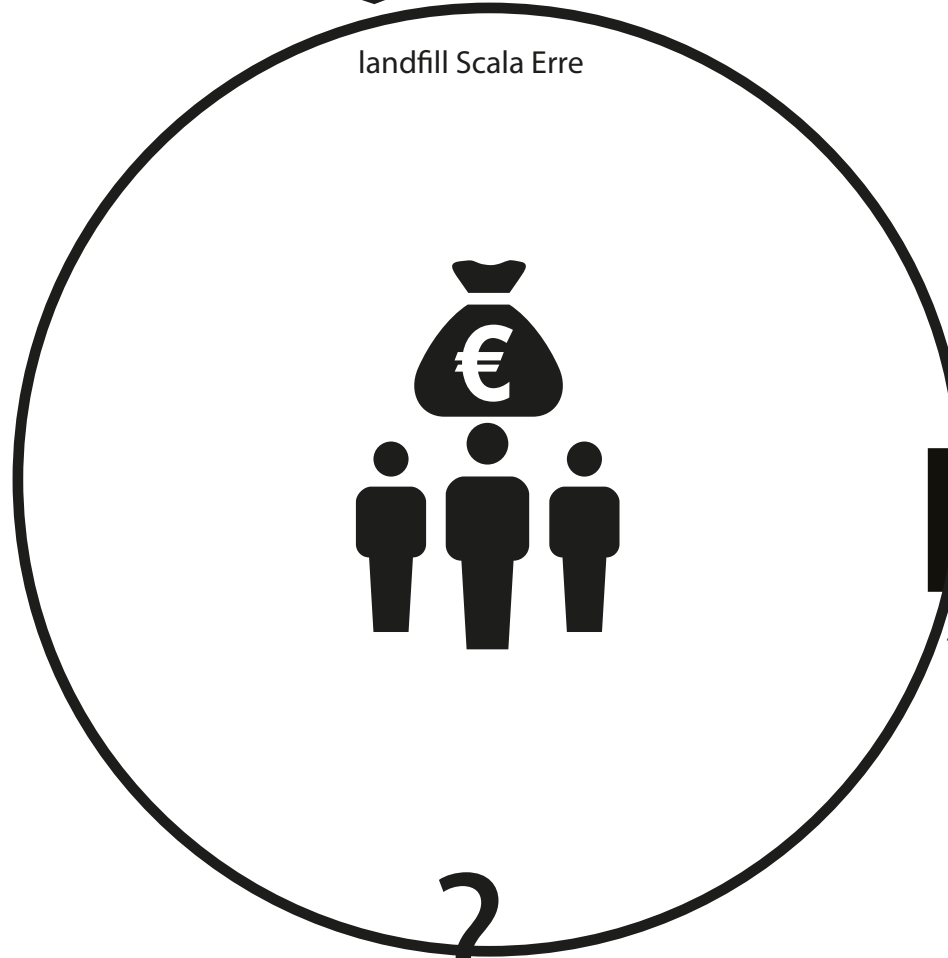
landfill Scala Erre



unemployment



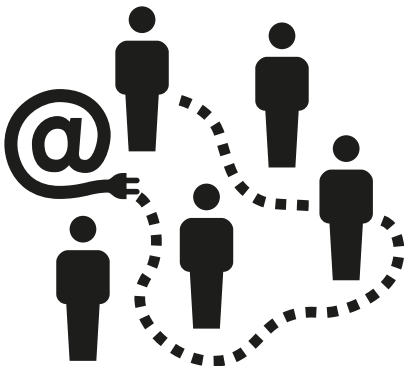
waste (organic)



transformation plant (one ore many)



open fields



Proposed system

product