

Energy crop with potential for cascading use

Silphium perfoliatum L.

Energy crop
to produce biogas

Long fibers
as raw material for paper production

Good nutrient efficiency
and low use of pesticides

Humus build-up & carbon sequestration
in the ground

Long flowering period
and habitat for insects (especially
bees) and various wild animals

Perennial culture
Use for at least ten years

Water and erosion protection
thanks to permanent soil cover

Greening Culture
Crediting as ecological priority area



Use of the Silphium via a cascading value creation process

Material and energetic utilization of the plant

