

Background

Kouklia Community Council has sustainability as a standing item on their agenda.

Community already has 50% of energy from renewable sources.

Inter-regional visit to the Netherlands showed the use of local products (sea-shells) as a paving surface.



SUSTAIN

The transfer of experience:



In Schiermonnikoog, the footpaths were paved (surfaced) with sea-shells.

Discussion with partners led the President Christakis Miltiadous to recognise that organic waste could be used a footpath material.



A Schiermennikoog footpath



Discussions within the community, led to a decision to purchase a wood shredder (€20,000) to convert green, agricultural waste - normally land-filled - to produce wood-chips and two home composters for pilot application of home composting.

The wood shredder:
The wood-chips were used to surface local footpaths instead of the more traditional clay pathways.

Targets were set of 300 tonnes of chippings in the first year.



↑
The
President

The shredder is producing 40t/month of chippings; exceeding the target; for use as a footpath surface.

Surplus being used to mulch trees in public areas cutting evaporation and water costs for irrigation.

Land-fill costs of €8000/yr are saved & all costs to buy clay for the old paths have stopped.

The shredder will pay for itself in less than 30 months

Options for composters to convert domestic waste to compost (implement a home composting scheme in near future)



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More Benefits

1. Capacity Building - local society (through seminars and on-the-job workshops)
2. Networking with other Local Authorities and possibilities to do things together!
3. Maximizing the potentials of benefiting from experts / networking with groups of experts
4. Green jobs
5. Extroversion of Local Council (eg participation in this Fair!)



SUSTAIN

Thank you!

