

Welcome to delegation from Washington and Oregon From Billund Vand & Energi





Economical sustainability



Taxes and charges in Denmark

- Used for financing public services but also as incitements
 - A way of trying to motivate people's behavior
 - Waste handling – promote recycling, less use of hazardous materials
 - Promote sustainable energy production (wind, solar, biogas etc.)



Is Billund BioRefinery economical sustainable?

- BBR was a state-of-the-art project
 - Today - bigger and less establishment costs
- Governmental subsidies
 - Biogas production (electricity) – now market price
- Income/cost from receiving input materials (biomass)
 - Primary-/biosludge from WWTPs
 - Waste from households
 - Industrial waste
- Income/cost from dispose of output materials (natural fertilizer)
 - A cost for now – future depends on...
 - Difference between price on sludge – natural fertilizer – synthetic fertilizer



Politics and Legislation

- Difficulties when mixing different legislations areas
 - Garbage, Wastewater, Environment, Energy, Taxes
- Put together VIPs from different ministry offices
 - Show them the good case
 - Sustainable waste handling
 - Energy production
 - Environmental good solutions
 - Less costs – possible income
 - Enact the openminded politicians





Employees during the transition period

- During the project period (2013-2016)
 - Massive changes for everyone in Billund Vand & Energi
 - Demands for education and development of skills
 - From 12 technical staffmembers before to 15 today (most of them is still here)
 - Higher skills more responsibility
- In 2017 we became no. 1 for small companies in a great European examination of employee satisfaction.
- Unions in Denmark likes that members is developing and become more valuable for the labour market.

