

Waste & Energy Challenge

Indhold:

- Riding schools and centers generate large amounts of manure mixed with wood pellet bedding.
- Current disposal methods waste energy and create costs.
- Schools lack hands-on sustainability education.



Stationary Biofuel Pilot

- Stationary pilot at farm converts horse manure + bedding into biofuel pellets.
- Demonstrates circular economy, sustainable energy, and innovation.
- Serves as educational platform for schools and riding centers.



Proven Concept & Potential

- Similar large-scale solution exists in North Jutland with >100 horses.
- North Zealand pilot adapts it to stationary, educational format.
- Potential to scale: collect manure from other riding centers to increase production.



Environmental, Social & Educational Impact

- 🌱 Recycles waste into biofuel → reduces disposal costs and CO₂
- 🧑🏫 Hands-on educational workshops for schools
- 🌿 Circular economy, social innovation, sustainability
- 💡 Encourages STEM and innovation thinking in students



Grant Request & Use of Funds

- **€55,000 to build stationary pilot:**
 - **Pellet press & shredder**
 - **Drying module**
 - **Farm setup for workshops**
 - **Documentation & pilot reporting**
- **Enables MVP, school engagement, and demonstrable energy impact**