

Odsherred Biogas

Goals: A biogas plant with a capacity of 160,000 tonnes, based on residues from agriculture and local industry. Open discussion of ownership and responsibilities.

A planning process: Biogas plant – Odsherred Biogas: A planning process was creating involving a number for invited stakeholders (see the list below). The goal (see above), the process and the expected outcome (see below) may shortly be presented as follows:

The process: Design of biogas plants. Meetings and discussion of the facility with (1) mayor and top officials, (2) municipal councillors, (3) involvement of direct stakeholders in the facility (4) public meetings on location plans, function and size of facilities, (5) public consultation meetings proposals.

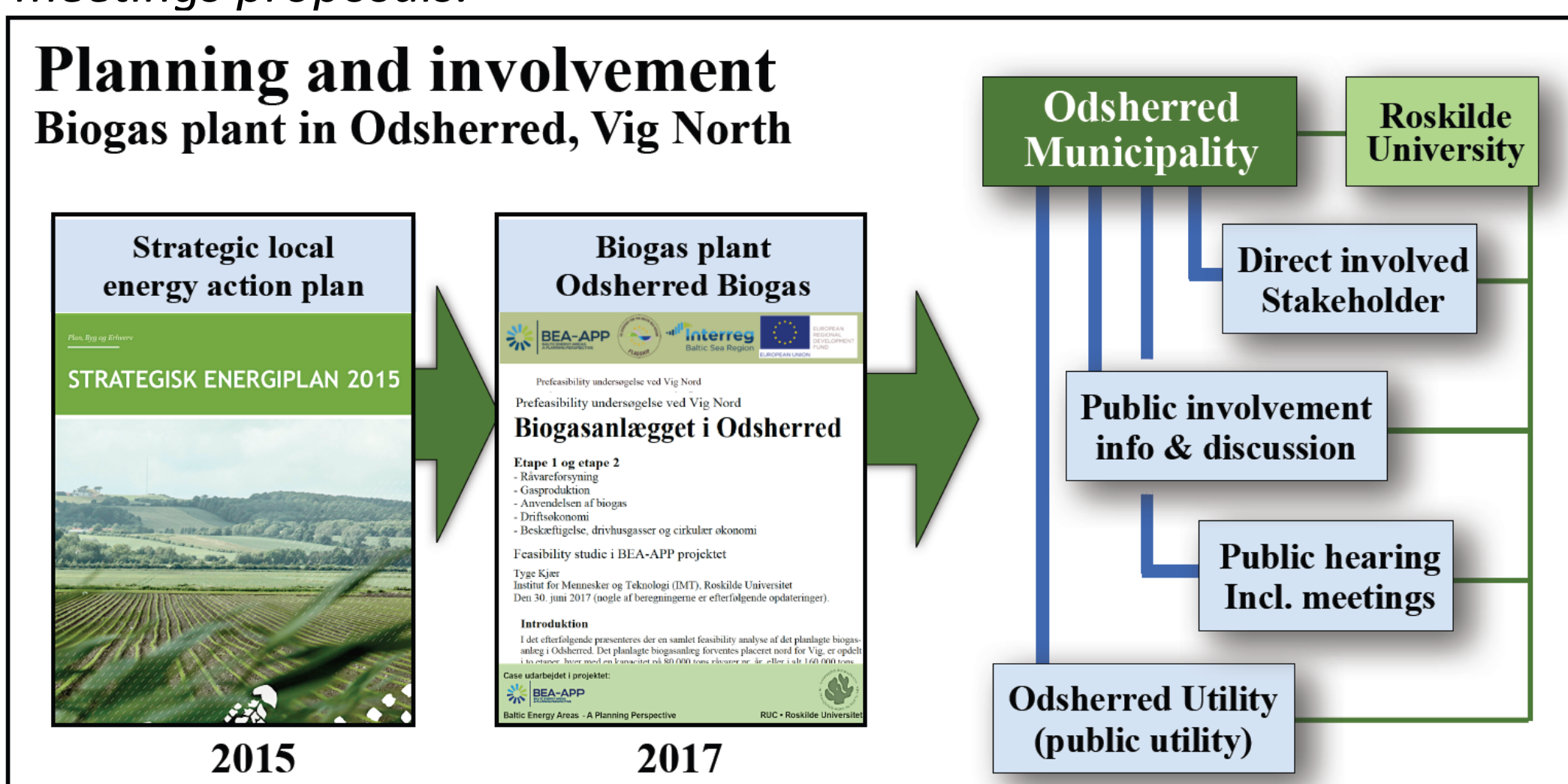


Figure 1. General planning and stakeholder involvement

Main results

Result:

Finished design of the plant. Environment and spatial approvals, (EIA, municipality plan additional, local plan, environmental permit of the facility). The plant is now under the first steps in construction (agreement on financing and procurement phase).

Expected yearly outcome:

61,800 MWh biogas; reduction of greenhouses gasses at 36,800 tons; 21 full-year direct employees; turnover at 4.3 million € and local economic benefit of 4.2 million € (employment & income).

Main aspects and lessons learned

Involvement on community level: The Strategic local energy action plan was presented and discussed in at number of public meeting before it was approved by the municipal board, including a presentation of the planed biogas facility.

Direct involvement with four types of involvements:

- Municipal council and the hinterland of each party in the council
- Direct stakeholder involvement (suppliers and buyers)
- Involvement of the broad public through a series of public meetings
- Public consultation according to existing rules on approvals, etc.

During the public hearings, a strong criticism of the expected load from odour and traffic was presented. This conflict was both expressed at several meetings and through the local newspapers. In continuation of this criticism, all interested citizens were invited to a visit to the newly built Solrød Biogas to obtain 'hands-on' experiences.

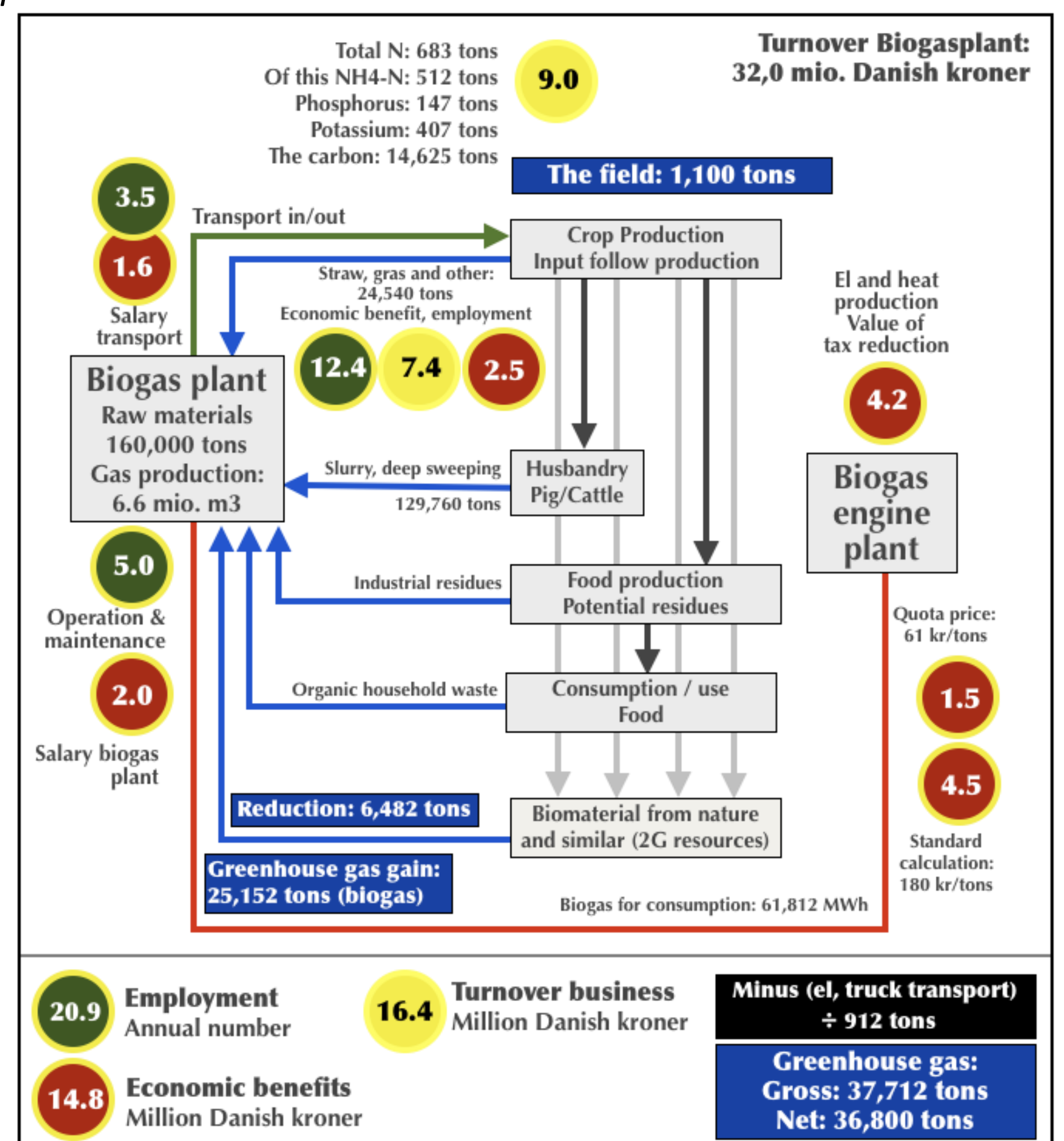


Figure 2. The local economic, environmental and employment effects of the biogas plant

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