

## DRAFT VISION:

As an industrial park that supports an eco-industrial theme, firms located within the Highway 2A employment corridor are connected into an industrial ecosystem whereby wastes generated by one company provide inputs for another. Industrial and commercial operations share industrial park administration, contracted employees, parking lots, recycling programs, services and infrastructure. Firms have co-located with their service side counterparts. Planning, design, and architecture are based on a green theme; maintaining a sustainable balance among environmental, social, and economic functions is of utmost importance in the planning and development decision making process.

## DRAFT GOALS & OBJECTIVES:

- To provide public education opportunities about eco-industrial development.
- To support the connection of individual firms into industrial ecosystems.
- To minimize waste generation and maximize efficiency of alternative waste use and disposal practices.
- To maximize efficiency of material and energy use and minimize dissipative (energy losing) uses.
- To promote the use of renewable resources as energy inputs.
- To promote the creation of a reuse and recycling program.
- To ensure that development remains within the carrying capacity of, and is sensitive to, the natural environment (air, water, soil).

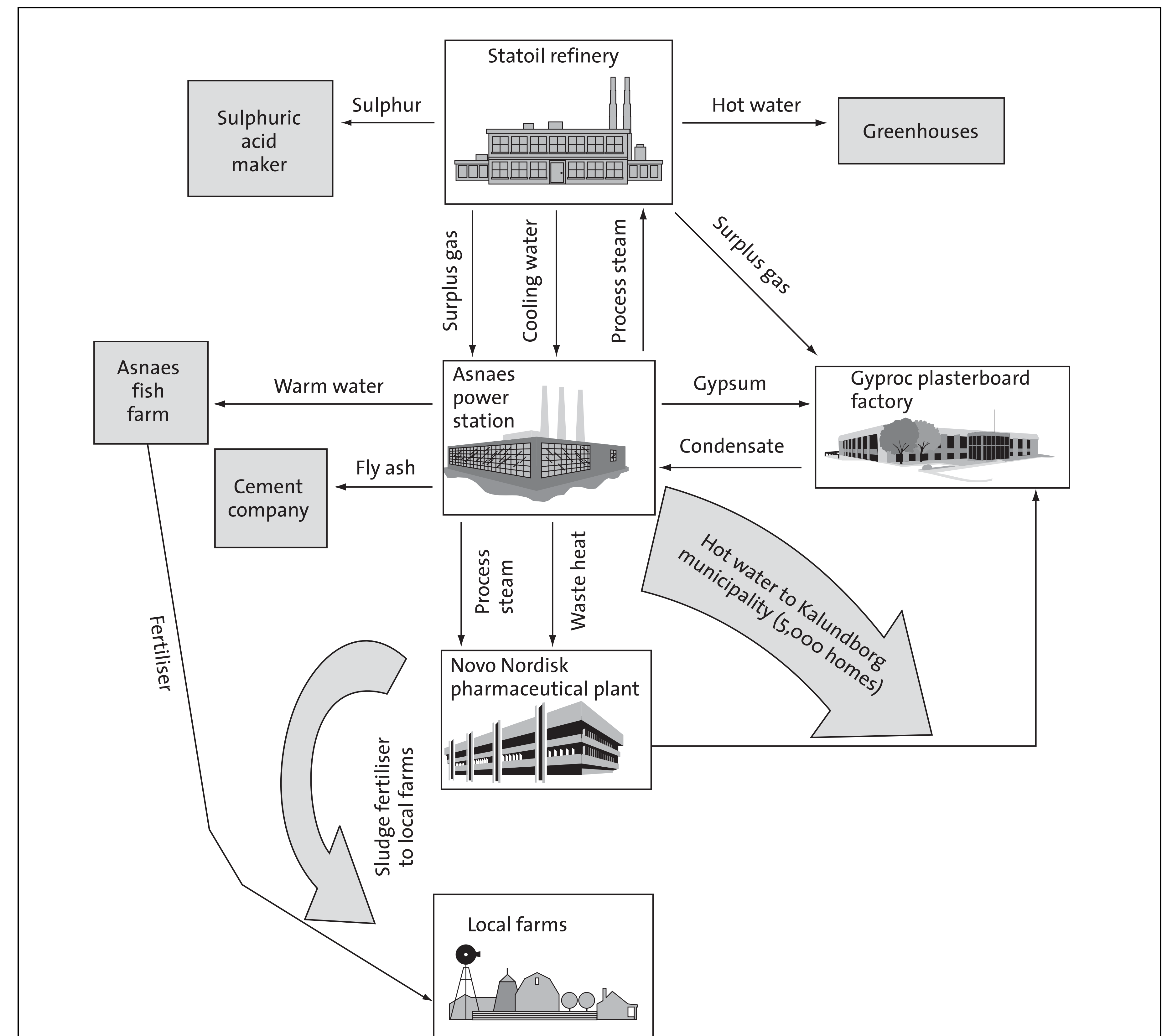


Figure 1.1 *Industrial symbiosis, Kalundborg, Denmark*

[It is] a community of businesses that co-operate with each other and with the local community to efficiently share resources (information, materials, water, energy, infrastructure and natural habitat), leading to economic gains, gains in environmental quality and equitable enhancement of human resources for the business and local community.

- To encourage inter-firm sharing of information systems, infrastructure, utilities, and services wherever possible.
- To offset emissions by supporting development of green infrastructure (i.e. one tree per parking stall, green roofs, installation of native foliage etc.).
- To encourage an integrated approach to land use through co-location of complementary industry
- To support the optimization of energy and water conservation.
- To ensure eco-industrial principles are considered and implemented in subdivision, building, and landscaping design.



# Eco-Industrial Development

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## POINTS FOR DISCUSSION:

- Existing opportunities for energy synergies (sharing materials, services, ideas)?
- Opportunities for shared infrastructure (parking, roads etc.)?
- Opportunities and constraints to business attraction (costs / benefits of eco-industrial development)?