

# EQUALINES

## HOW FAGERSTRAND CAN OFFER EQUAL OPPORTUNITIES THROUGH LINEAR CONCENTRATION

As Fagerstrand is poised for densification, conventional sets of "urban questions" arises: where should the new center of the town be? What is a suitable functional mix? How can the protection of unbuild land be balanced with the protection of residents' properties? Furthermore, more place-specific questions come up: how can the strict separation between the industrial sites and the residential areas be loosened? How can the qualities of rural dispersion be aligned with the qualities of urban density? EQUALINES explores these questions through a simple principle: linear concentration.

- The main spatial interventions and the lines that they create can be summarized as follows:
1. A new urban axis along the Fagerstrandbukken bundles the majority of densification, including business and community functions. Newly built compositions of point-houses are combined with infill developments.
  2. The industrial site along the waterfront is opened up and re-naturalized into a wetland habitat. Singular structures from the old industry (including the silos) remain and form the centrids for new flows of leisure, energy, and food production.
  3. The existing structure of pipes from the old industry is used for the distribution of products and capture goods, such as biomass, algae, electricity, and water. The pipes are also used for the creation of a new trail along the water and through the forest - the Raveli ("Pipe-Path").
  4. The landscape around the Lilerud dam remains largely untouched. The expansion of the Pipe-Path allows for an experience of post-industrial remnants without harming the environment. Towards the east of the project site, careful interventions and permeable urban edges help to consolidate the most important green axes.

Linearity is explored in this proposal through three dimensions: people, planet, and prosperity. This is derived from classic sustainability theory of the triple-bottom-line: social, environmental, and economic sustainability. It is also largely in line with the UN's conceptualization of holistic sustainable development. Therefore, these three layers are used here to explore the multiplicity of functions that can be associated with the framework of linear concentration.

