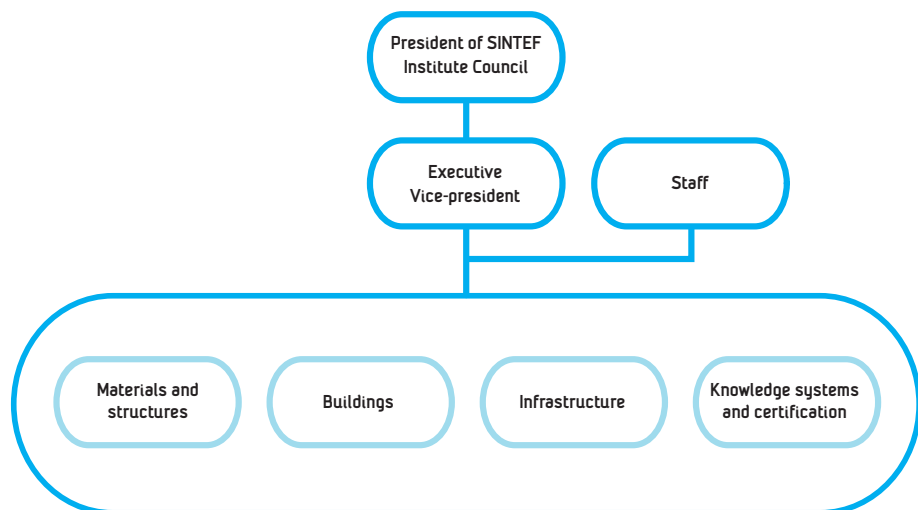


Organisation of SINTEF Building and Infrastructure



This is SINTEF Building and Infrastructure

SINTEF Building Research is an internationally leading research institute.

We solve problems related to the entire construction process. The institute offers top-level expertise in areas ranging from architecture and building physics to management, operation and maintenance of buildings, water supply and other infrastructure. We create value for our clients and for society through research and development, research-based specialist consulting services and dissemination of knowledge. An important aim for us is to contribute to sustainable development in this sector.

SINTEF Building Research is Norway's leading communicator of research-based knowledge. Via our knowledge systems, our publishing company and SINTEF Certification we have built up a unique platform for disseminating knowledge to a large part of the construction industry. The close dialogue with the sector has given us a good understanding of our customers' current and future needs. Wide-ranging cooperation with NTNU, lea-

ding industrial companies and other national and international partners in research, in addition to a well-utilised laboratory infrastructure, are fundamental aspects of our activities.

Through COIN (Concrete Innovation Centre), our Centre for Research-based innovation, we are developing new types of concrete, construction techniques and building solutions for this formable material. Concrete can be used both as a heat store and a cold reservoir, and can thus bring us closer to our vision of zero-energy houses. In the course of a long series of other projects, we have developed methods and technical solutions for energy-efficient buildings as well as buildings and infrastructure that are already adapted to the climatic challenges of the future. In collaboration with Enova and Norwegian industry, we have completed a number of demonstration projects aimed at achieving our goal of energy-efficient and environmentally-friendly buildings. Today, we can already build houses that are self-sufficient in terms of energy.