

FFI turns knowledge and ideas
into an efficient defence



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Norwegian Defence Research Establishment (FFI) is the prime institution responsible for defence-related research in Norway. The Establishment is also the chief adviser on defence-related science and technology to the Ministry of Defence and the Norwegian Armed Forces' military organization.

The demand for expert and flexible armed forces requires continuous renewal and Norway's unflagging emphasis on defence technology keeps FFI busy. It is a true challenge to make significant contributions to the development of the Armed Forces - both in its principal national defence role as well as in its various roles as an effective participant in international security operations.

Relevant defence research now requires international cooperation. In order to maintain a position at the forefront of science and technology within chosen sectors, FFI collaborates with national and international scientific institutions and industry. The Establishment also has a close working relationship with its partners and customers.

FFI's R&D Helps Protect Norwegian Interests

Demand for FFI's research increases as the nature of armed conflict evolves. New communications technologies in new areas of conflict and for new means of protection from biological and chemical weapons are just two of the fields where FFI is currently investing resources. The overall goal is to enable men and women in uniform to be more effective in the field and ensure safety on the job, as well as their safe return.

FFI addresses these challenges through a broad spectrum of research topics ranging from the assistance of operational units to the support of national security policy via defence planning and technology studies.

**Dynamic and
results oriented**





FFI is a leading world-class defence technology centre

Navigating under water is not easy. One of FFI's innovations is a navigational concept using acoustic transponders on the seabed to better calculate the position of small, unmanned submarines known as autonomous underwater vehicles. Our researchers were the first in the world to integrate range finding and inertial navigation to help control such vessels.

Bold and always searching for better solutions





Our R&D helps protect Norwegian interests in times of peace, crisis and war

Satellite surveillance has a long tradition at FFI. Today we work internationally on basic research issues and domestically to set up surveillance services for Norway's defence forces.

Courageous
and energetic



FFI gives Norwegian political and military leaders advice so they can make sound decisions on strategy and technology



**Analytical and
broadminded**

In the late 1990s FFI began studying terrorism. The work now centres on developing scenarios for possible terror attacks upon Norway. What emerges will provide a basis for future defence planning.



We cooperate with scientific institutions and industry to boost Norway's technological and industrial development.



Norwegian defence contractors in cooperation with FFI have given Norway the best military radio in the world some people say. The Multi Role Radio, produced by Kongsberg Defence Communications AS, did win an open tender for a tactical radio to the Hungarian Army, this in competition with well-known products on the marked.

A flair for brainstorming and innovation



www.ffi.no



At FFI we work in inter-disciplinary teams, resulting in continual learning and fresh challenges for everyone. Our scientists and engineers represent disciplines such as mathematics, physics, information technology, chemistry, biology, medicine, psychology, political science, history and economics.

FFI is located at Kjeller, 2 km north of Lillestrøm and 25 km from Oslo, with easy access by train, bus or car. We also have a research unit in Horten.

The area around FFI is home to a variety of research institutes, technology centres, colleges, universities and the Norwegian Defence Logistics Organisation. Altogether they employ some 3,000 people.

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We are a creative, broad-minded, daring and responsible research institute. These characteristics also describe our employees.