FGI Member Spotlight

November 2026

Founded in the Netherlands in 1951, **Genap** specializes in prefabricated geomembrane systems for horticulture, agriculture and civil engineering. For civil engineering projects, we create watertight solutions for infrastructure, environmental protection and the containment of water and other liquids.

One of our areas of expertise is installing geomembranes below groundwater level. Genap has developed a method for submerging complete geomembrane structures, creating an impermeable barrier that allows infrastructure such as underpasses and sunken roads to be constructed in dry conditions without lowering the surrounding groundwater level. Our expertise also includes landfill lining and capping, and geomembrane systems for wastewater storage. Each sealing system is engineered around the specific application and site conditions.



Figure 1. Submerged fabricated geomembrane project



Figure 2. Floating cover for a Wastewater project

Genap is currently working on a large-scale Dutch infrastructure project using around 220,000 m^2 (2.4 million ft^2) of prefabricated 1 mm (40 mil) flexible PVC-P geomembrane. A new 2,000-metre (1.24 mile) road section is being constructed below ground level to reduce traffic noise and limit nitrogen deposition in the surrounding area. Genap also has fabrication operations in Canada, Mexico, Kenya and India specializing in servicing the water industry.

Large flexible geomembrane panels are prefabricated in our factory, reducing the number of field seams and speeding up installation. The project builds on Genap's experience with geomembrane constructions in Dutch road building, dating back to the 1970s.

The **Flexible Geomembrane Institute (FGI)** is proud to have **Genap** as an active member. Genap are an excellent example of a company committed to the use of flexible geomembranes, fabrication, installation and high quality standards and workmanship.



Figure 3. Photo of Genap's fabrication plant performing factory welding of flexible geomembranes in the Netherlands