

PRESS RELEASE

Eurovia announces two new positive-energy road projects in France using Power Road®

While resurfacing the cinema car park in Feurs (Forez Est, central France) and modernising the heat and energy systems in 76 social housing units in Fleury sur Orne (Normandy), Eurovia is continuing to roll out its positive-energy road technology, [Power Road®](#). In the first project, the energy produced by the system will be used to pre-heat swimming pool water; in the second, it will heat refurbished housing units.

16 tonnes CO₂ avoided annually to heat swimming pool water for an area with a population of 70,000

Forez Aquatic, the swimming pool managed by the Forez Est local authority, needs a new source of renewable energy for the water-heating system. The Feurs facility operates in summer with a 50-metre outside pool (holding 2,345 m³ of water) and an outside teaching pool (holding 112 m³) at 28 °C. The integration of Power Road® on 750 m² of the adjacent cinema car park will help pre-heat the fresh water being fed into the pools, avoiding 16 tonnes of CO₂ emissions annually from the main gas heating system.

75% of heating and hot water needs of 61 social housing units

As part of a programme to refurbish a social housing apartment block (1-room to 4-room apartments) Inolya, the largest social housing operator in Calvados, Normandy, selected Power Road® to equip 1,420 m² of roads in order to cover 75% of the heating and hot water needs of 61 apartments. This innovation will reduce CO₂ emissions by 75%.

Power Road® captures heat from the sun's rays hitting the road surface using a solar thermal collector built into the road, combined with heat pump. It can then store this energy or feed it immediately into adjacent infrastructure. Whether heating nearby buildings, removing snow and ice from roads in winter or helping to reduce the urban heat island effect, this multifunctional renewable energy process, which is 100% recyclable, is particularly useful for the local environment.

Press contact:

Maxence Naouri
33(0) 1 47 16 48 36
maxence.naouri@eurovia.com

About Eurovia

Eurovia is a VINCI Group subsidiary and global leader in transport infrastructure and urban development. It builds and maintains transport infrastructure – roads, motorways, railways, airports and tramways – and develops industrial, commercial and urban facilities. It also delivers all the related services, including demolition, deconstruction, drainage, earthworks, utility networks, signage, bridges, tunnels and noise barriers. Eurovia's network of industrial plants producing aggregates and other supplies for road and rail construction spans the entire supply chain. The company is operating in 16 countries, employs 43,500 people and generated €8.9 billion in revenue in 2018.

www.eurovia.com