

INVITATION TO SUREBRIDGE PROJECT WORKSHOP

SUSTAINABLE REFURBISHMENT OF EXISTING BRIDGES

September 1st, Chalmers University of Technology

BACKGROUND

At the present time, road authorities and bridge owners stand before many challenges that need to be tackled to meet the present demands on increasing service requirements (i.e. increasing axel loads), sustainability, resource efficient maintenance, etc. The Increasing number of old and deteriorated bridges on the one hand and limitations in financial resources for maintenance of bridges on the other, call for more effective, cost efficient and less disruptive strengthening and repair methods.

SUREBRIDGE

SUREBridge, is a funded project within the Infracation programme which is co-funded by funding partners of the ERA-NET Plus Infracation and the European Commission under FP7. It intends to introduce a new concept for strengthening and repair of deteriorated concrete bridges. The concept takes advantage of advanced fibre reinforced polymer (FRP) materials as reinforcement components to restore the capacity of weakened bridge superstructures. The concept includes the installation of tailor-made GFRP deck panels on top of the exiting concrete deck and strengthening of the slab/girders using pre-stressed CFRP laminates in the tensile parts. More information about the project can be found at: www.surebridge.eu

WORKSHOP

The SUREBridge consortium plans to hold a workshop for interested parties to introduce the concept and show the results of numerical and experimental work performed in the project and demonstrate the potential of this method for strengthening and repair of existing concrete bridges. The workshop aims at creating a platform for engineering offices, road authorities and bridge owners to meet, interact and discuss future opportunities in the field.

WHEN and WHERE

The workshop will be held on 1st September 2017 between 13:00-16:30 and hosted by the department of Civil and Environmental Engineering at Chalmers University of Technology. To attend the workshop please register using the following link latest by August 20th:

<https://goo.gl/forms/IGXMPgaiIRzkrpL82>

PARTNERS

