

Wastewater Treatment of Textile Companies in Vietnam Using Photocatalytic Oxidation with Nanoscale Titanium Dioxide as a Photocatalyst

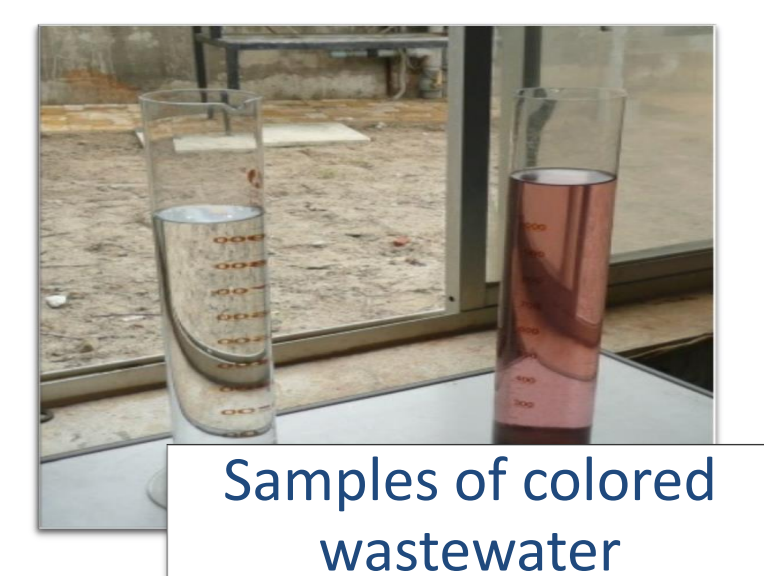
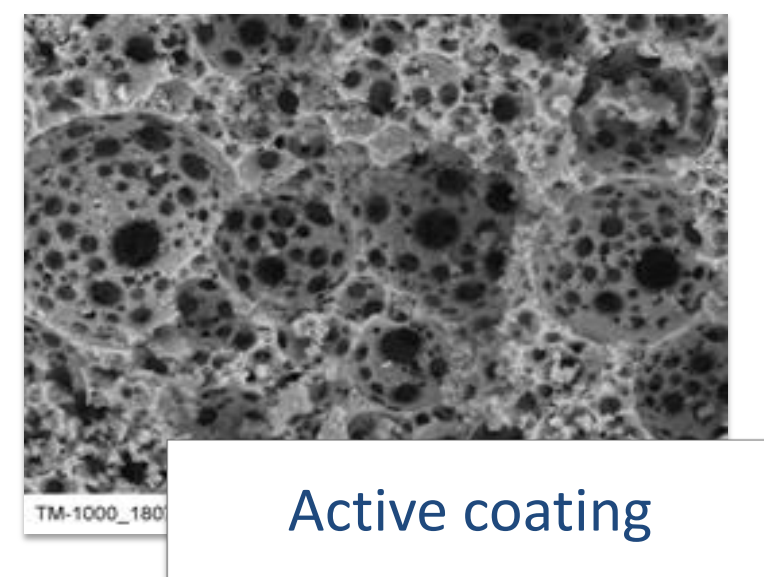
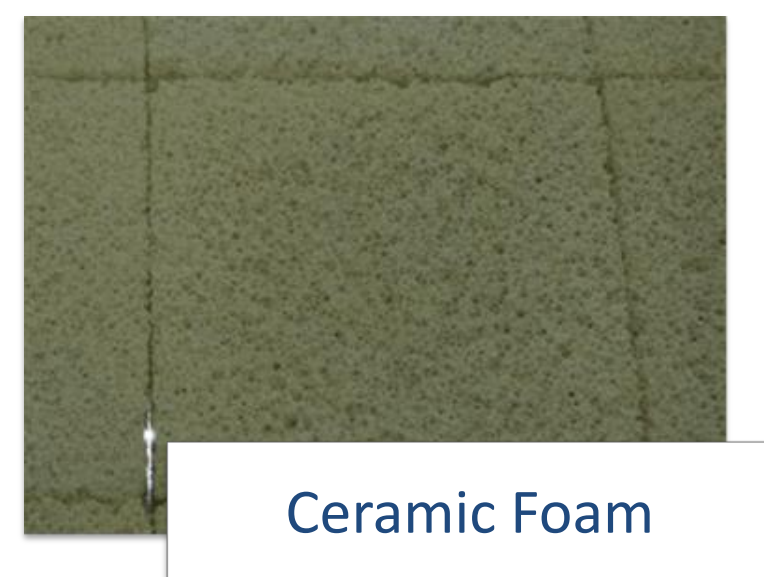
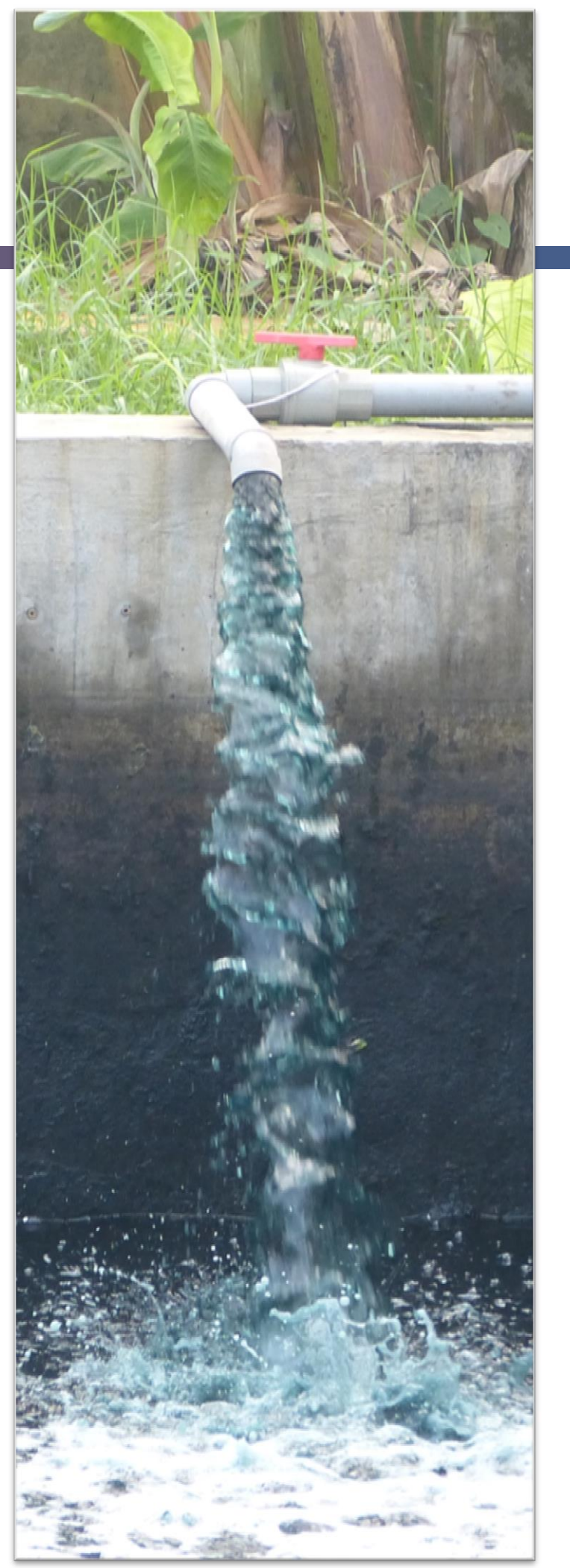
Project Goals of Navitex

Extending of nano technology applications for waste water treatment

- Synthesis of appropriate nano photocatalysts
- Modification of the catalysts for using visible light spectrum
- Photocatalytic active coatings

Development of efficient AOP treatment concepts which can be applied in textile companies

- Evaluation of the textile waste water treatment situation in Danang
- Modeling of treatment system
- Reactor development
- Pilot system development and launching



HUST / INAPRO (Hanoi)

- Synthesis of appropriate photocatalysts
- Modeling of treatment systems

UMEX (Dresden)

- Design of photoreactors
- Implementation to the local requirements

GMBU (Dresden)

- Development of improved photocatalytic coatings

TU Dresden

- Development and characterization of photocatalysts

Options of using photocatalysis:

