NiHub – Nordic Intelligent Truck Hub
Stockholm, 2014-02-06
Project overview

Fundamental question project expected to answer:
“How to relieve urban networks from heavy trucks by exploring the synergies of a combination of intelligent services for truck parking (ITP) and urban consolidation centre (UCC)?”

Partners:
Sweden: Sweco, Swedish Transport Administration, City of Stockholm
Norway: SINTEF Transport Research, City of Oslo
Finland: Traficon Ltd, Helsinki Regional Transport Authority
NiHub synergies

- Land used more efficient
  - Transshipment peak levels at day time - night time for parking

- One investment and upkeep cost for technical and administrative systems
  - Security, surveillance, fence, entrance/exit, occupancy

- Reduced maintenance cost for staff, marketing and ITS Services

- One interface for end used across Europe!

- Increased possibilities for financial support
  - Value added services
Conclusions from 3 test sites

- Location of a NiHub is important and sets limits to the potential
  - too far from city: no economy in consolidation
  - too close to city: not ideal for truck parking

- Public authorities are key players. Supportive actions (investment) needed

- Business case unclear for private actor!

- NiHub concept has potential for energy savings
  - Big reduction potential in CO2 emissions
  - Consolidation create less traffic
  - Last mile delivery by environmental friendly vehicles
  - Reduced search for parking
The NiHub business model

Based on Osterwalder's canvas business model + ARKTRANS

Model should be applied on existing terminal- best chance of success!