

Models for analysis of flow of goods and services in airport regions

“The Oslo-project”

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Analysis of flow of goods in the Oslo Airport Region

STRAIR report 3 B:
**Models for analysis
of flow of goods and services
in airport regions**

Organizing of the project

- First part: SNP Gardermoen and Kate Wilhelmsen
- Oslo Teknopol took over as Functional Lead Partner midway the project from SNP Gardermoen.

Background and objective

- Case study of transport and logistic in Eastern-Norway
- Main objective is to delineate the airport region through an analysis of the flow of goods
- Background: An airport may generate economic growth in the nearby region, both directly and indirectly
- Main questions
 - Can an airport generate growth regionally by contributing to development of freight services in a region?
 - If so, how can the region boundaries be determined?

Hypothesis

- Generally a region may be delineated through insight on key characteristics shared by a set of actors located
 - Normally factors like a common labour market, infrastructure, competence, etc. are used
- An analysis of freight transport may be used as well
 - A group of actors forms a region if they share
 - Transport or logistic operator
 - Infrastructure, e.g. freight terminals
 - Etc.

Key factors mapped in the survey

- Shared logistical resources
 - Consolidated transport?
 - Use of third party carrier?
- Freight characteristics
 - Costs, volume and frequency
- Access to infrastructure?
- Importance of air cargo
- Industry belonging
- Number of employees

Abstract of conclusions

- The report investigates if a freight and logistic cluster has been developed in connection with the establishment of Oslo Airport
- The main conclusion is that there are several indications on such cluster formation in the airport region
 - A relatively high share of firms that are established demands advanced logistic solutions
 - There are also indications on a well developed low cost and high quality supply of transport services in the region
- Official transport statistics suggest that the airport area serves as an important hub in the Norw. transport system