

ADES

Airports as Drivers of Economic Success in Peripheral Regions

Targeted Analysis 2013/2/17

Annex 3. *MAPS_BOOK* | Version 1 30/11/2012



This report presents the draft final results a Targeted Analysis conducted within the framework of the ESPON 2013 Programme, partly financed by the European Regional Development Fund.

The partnership behind the ESPON Programme consists of the EU Commission and the Member States of the EU27, plus Iceland, Liechtenstein, Norway and Switzerland. Each partner is represented in the ESPON Monitoring Committee.

This report does not necessarily reflect the opinion of the members of the Monitoring Committee.

Information on the ESPON Programme and projects can be found on www.espon.eu

The web site provides the possibility to download and examine the most recent documents produced by finalised and ongoing ESPON projects.

This basic report exists only in an electronic version.

© ESPON & Department of Sciences for Architecture (DSA), University of Genoa, 2012.

Printing, reproduction or quotation is authorised provided the source is acknowledged and a copy is forwarded to the ESPON Coordination Unit in Luxembourg.

List of authors

Department of Sciences for Architecture (DSA) – University of Genoa, Italy
Professor Maria Linda Falcidieno, Full Professor of Drawing and Survey, Director of DSA

Prof. Arch. Mosè Ricci, Full Professor of Urban Design

Dr. Arch. Federica Alcozer

Arch. Sara Favargiotti, Researcher

Arch. Romina Ghezzi

Arch. Beatrice Moretti

BAK Basel Economics, AG, Switzerland

Prof. Dr. Urs Müller, Director and Chief Economist

Christoph Strueby, Research Associate

Larissa Müller, Research Associate

Knowledge and Innovation Intermediaries Consulting Ltd (KiNNO), Greece

Yiannis Geragotellis, Managing Partner

Dr. Konstantinos Fouskas

Jyväskylä University School of Business and Economics, Finland

Professor Hannu Tervo

Dr. Kirsi Mukkala, Research coordinator

Kari Itkonen, Researcher

Pekka Pyyny, Research assistant

With local stakeholders input by:

Arch. Antonio Schizzi, Provincia di Savona, Italy

Stathis Papachristopoulos, Vice Director for Regional Development Funds, Greece

Laura Ahonen, Project Manager, European Officer City of Jyväskylä, Finland

With further input by:

Tietoykkönen, Finland

Table of contents

MAPS_BOOK

Descriptive Maps

- A) ESPON Maps
 - 1. Europe: accessibility/peripherality (data from BAKBasel)
 - 2. Nation: surface/ population /density (compared in the three nations)
 - 3. Stakeholders Regions: airports+data of infrastructure

- B) Regional Maps (for each Stakeholder regions)
 - 4. Infrastructure (trains / highways / road)
 - 5. Harbour
 - 6. Airports
 - 7. Landscape heritage: parks/reserves/beaches
 - 8. Cultural heritage
 - 9. Industrial districts + Diagrams Companies: local units / employees
 - 10. Shopping malls + Diagrams Commerce: import/export
 - 11. Research Institutes
 - 12. University
 - 13. Sport complex
 - 14. Hospitals

- C) Synthesis (for each Stakeholder regions)
 - 15. Comprehensive Maps

- D) ID Card (for each ADES airports)
 - 16. Airport ID card: description of each airports

Concept

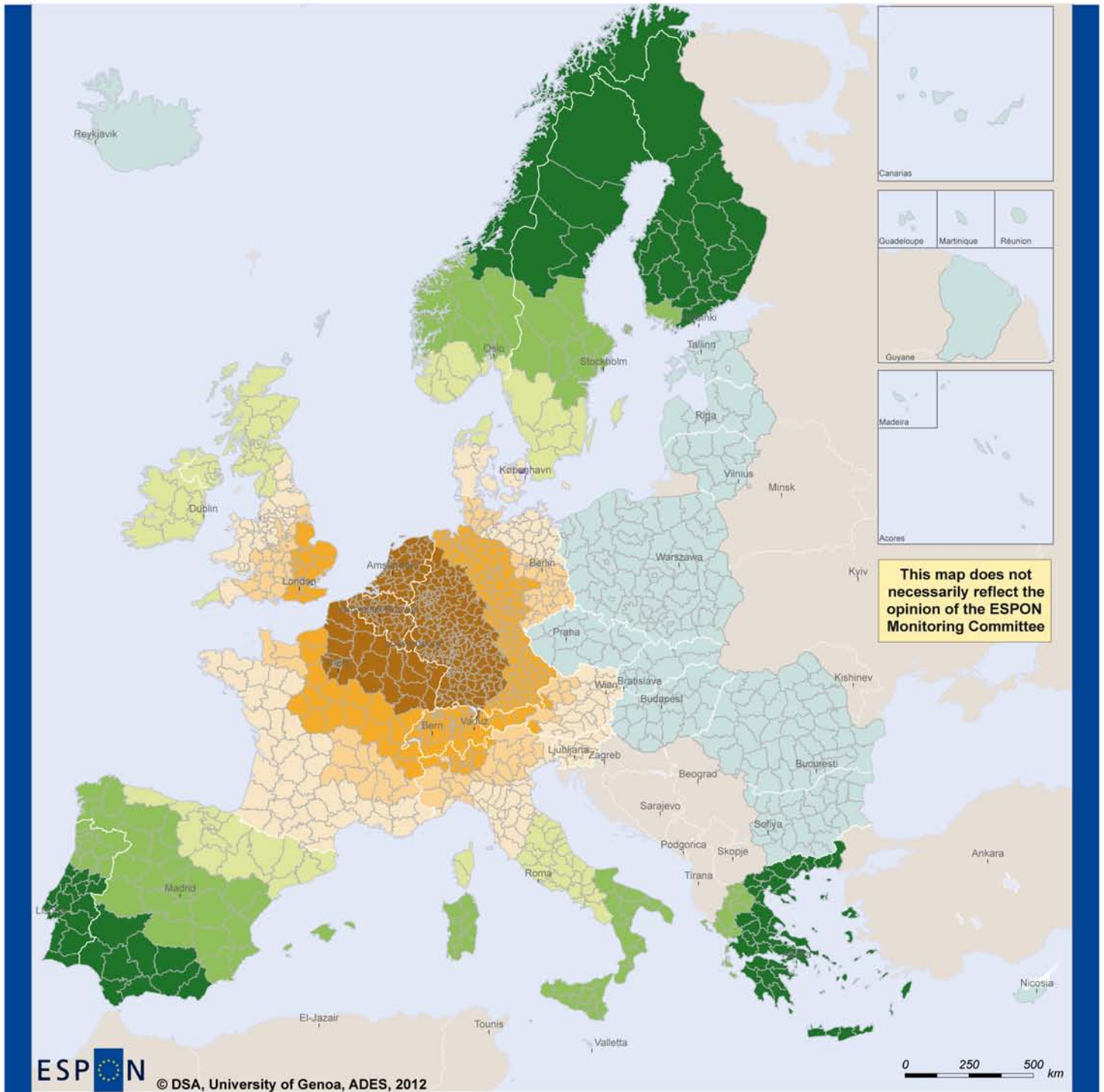
- 17. Concept: osmotic airport
- 18. Osmotic devices

Vision Maps

- 19. Strategies for the development ADES airports
- 20. Masterplan

European Maps ACCESSIBILITY

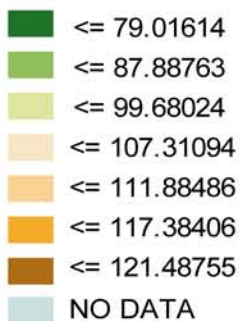
Geographical accessibility



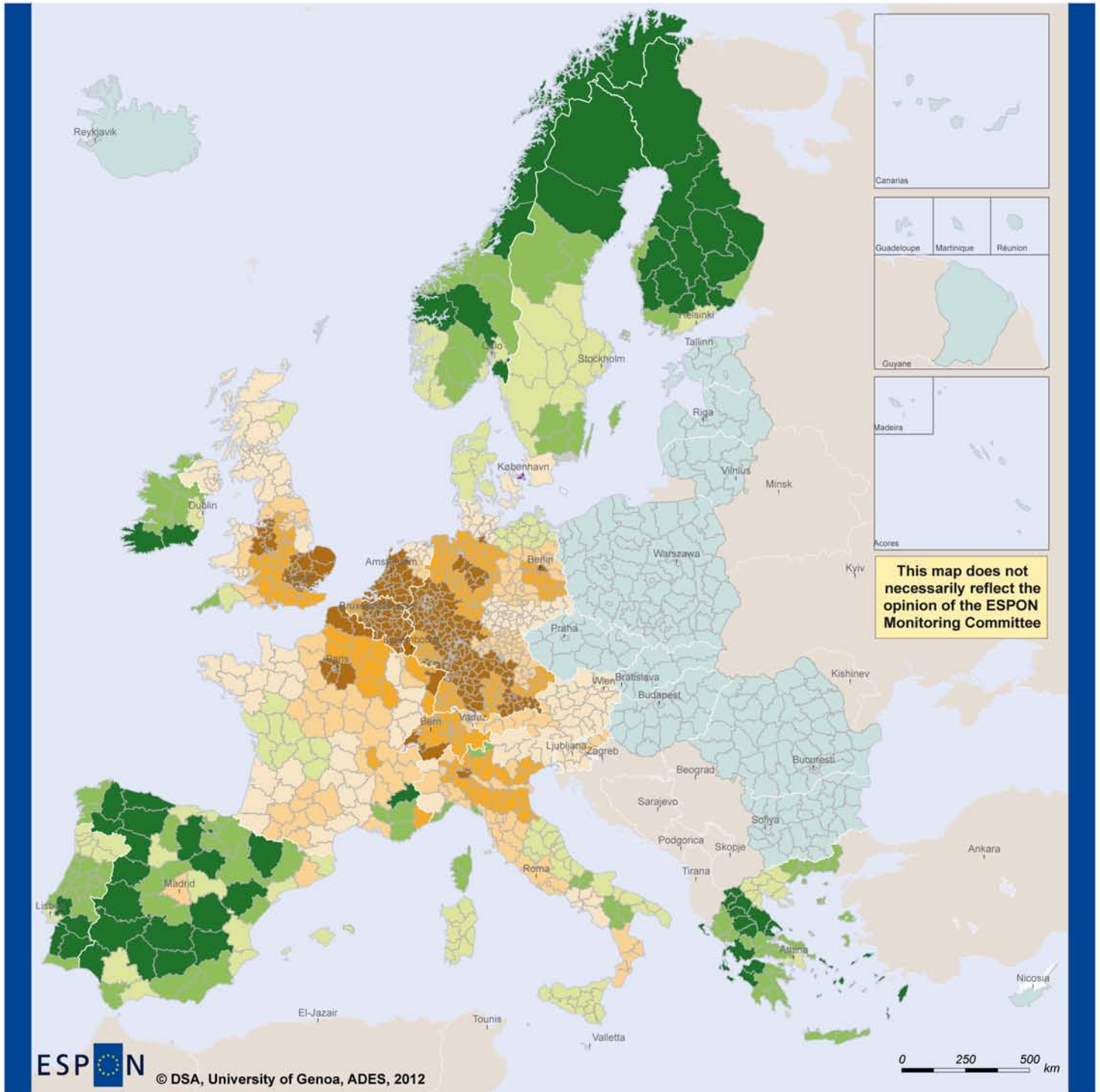
 EUROPEAN UNION
Part-financed by the European Regional Development Fund
INVESTING IN YOUR FUTURE

Regional level: NUTS 3
Source: BAK Basel Economics AG, Switzerland, 2012
Origin of data: BAKBASEL database, 2000-2008
© EuroGeographics Association for administrative boundaries

Legend



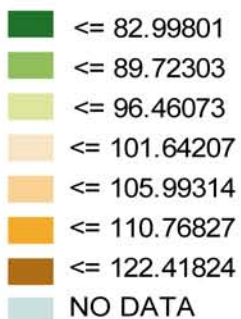
Transport accessibility



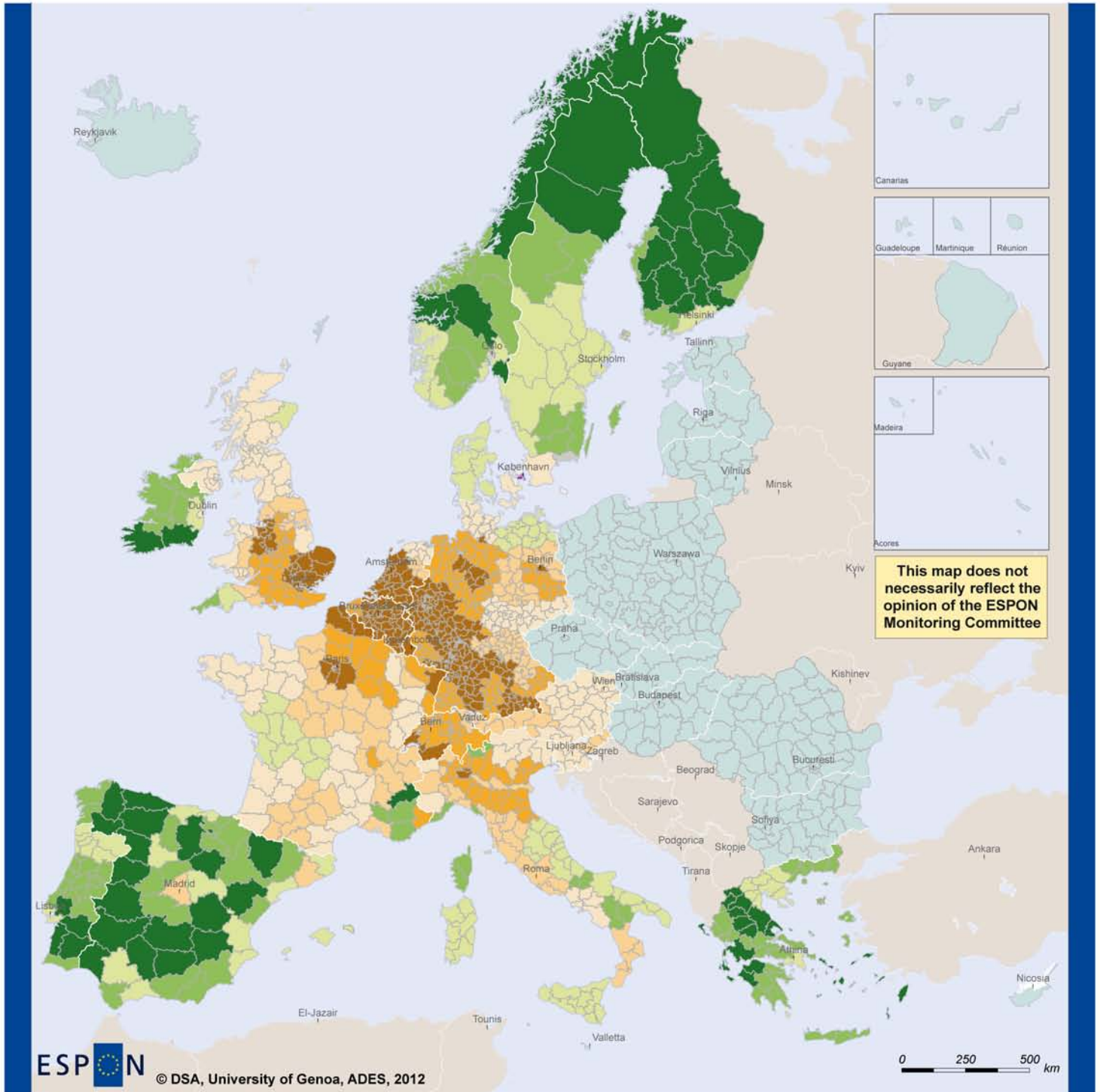
 EUROPEAN UNION
Part-financed by the European Regional Development Fund
INVESTING IN YOUR FUTURE

Regional level: NUTS 3
Source: BAK Basel Economics AG, Switzerland, 2012
Origin of data: BAKBASEL database, 2000-2008
© EuroGeographics Association for administrative boundaries

Legend



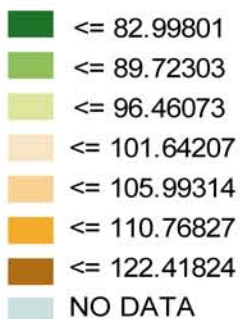
Transport accessibility



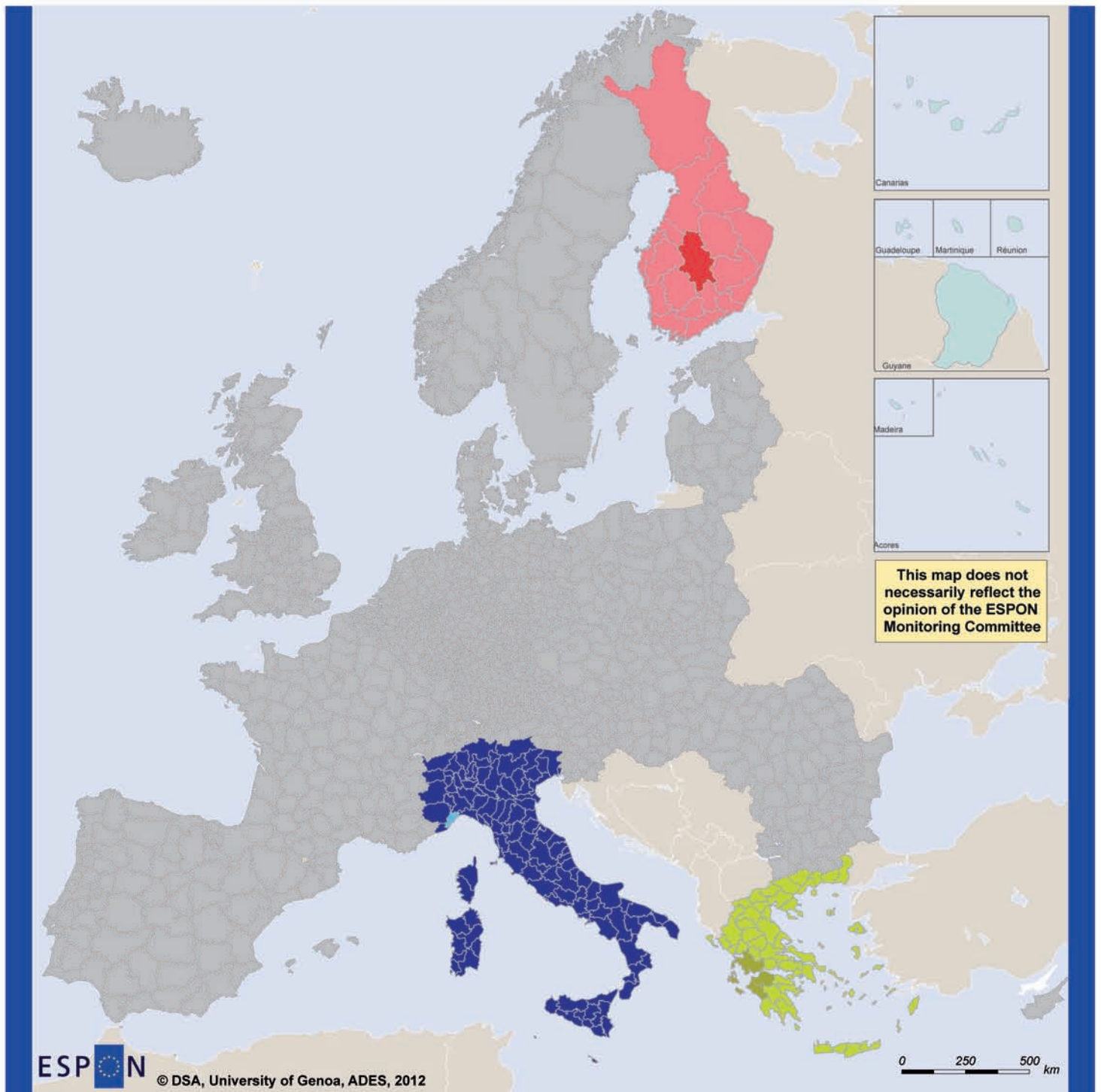
 EUROPEAN UNION
Part-financed by the European Regional Development Fund
INVESTING IN YOUR FUTURE

Regional level: NUTS 3
Source: BAK Basel Economics AG, Switzerland, 2012
Origin of data: BAKBASEL database, 2000-2008
© EuroGeographics Association for administrative boundaries

Legend



Context_Europe



 EUROPEAN UNION
Part-financed by the European Regional Development Fund
INVESTING IN YOUR FUTURE

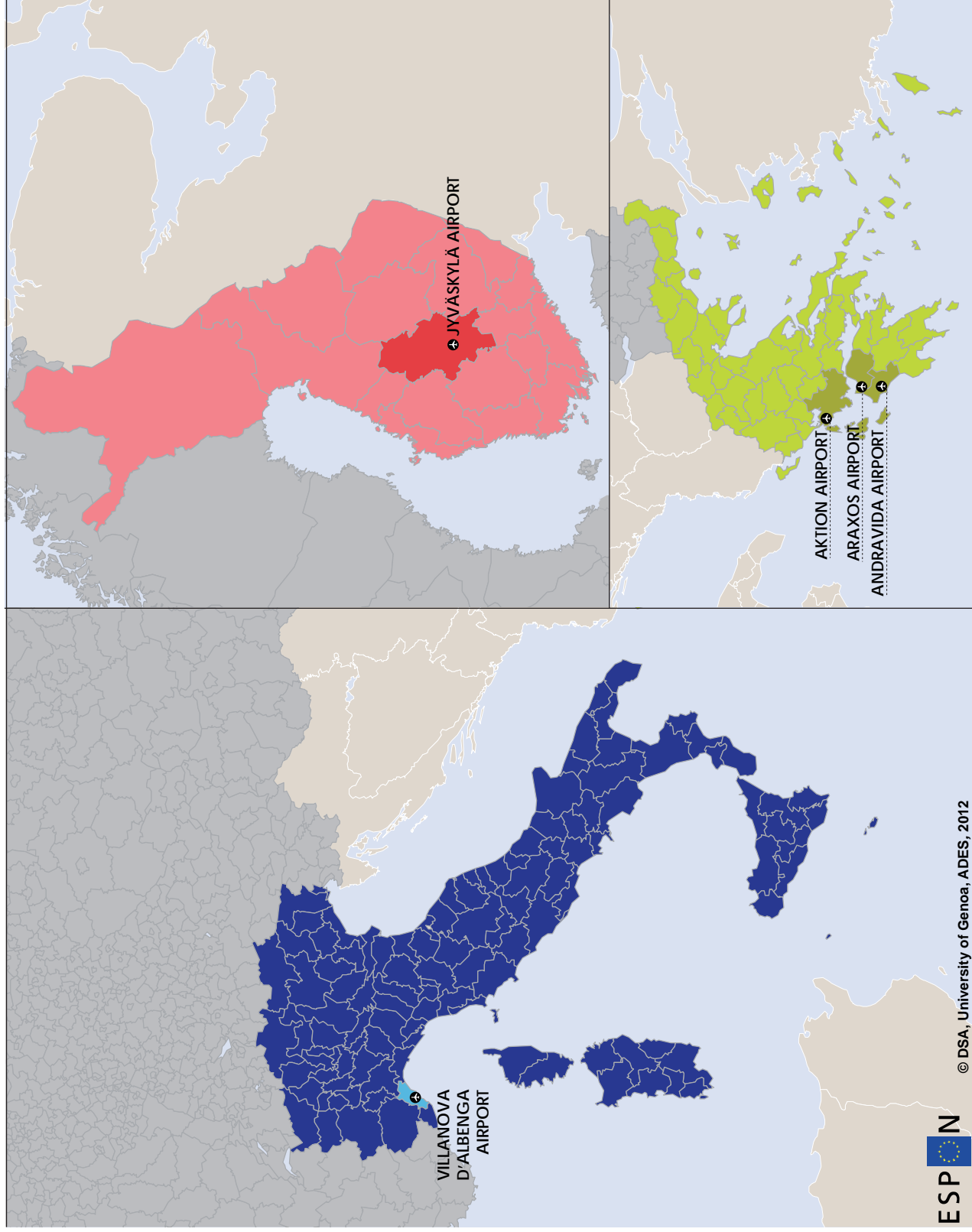
Regional level: NUTS 3
Source: <http://phlcarto.free.fr/>
Origin of data: European map
© EuroGeographics Association for administrative boundaries

Legend

-  Finland
-  Central Finland
-  Greece
-  Western Greece
-  Italy
-  Provincia di Savona

STAKEHOLDERS REGIONS

Context_Nations



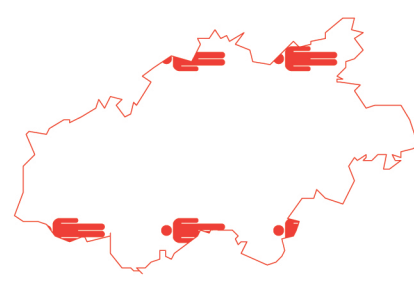


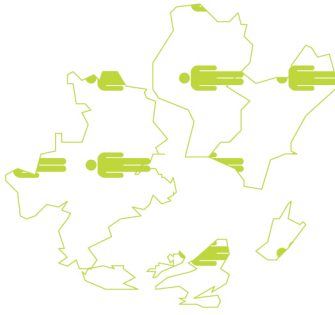





Regional level: NUTS 3
 Source: <http://phicarto.free.fr/>
 Origin of data: National Maps
 © EuroGeographics Association for administrative boundaries

ESP  © DSA, University of Genoa, ADES, 2012

EUROPEAN UNION
 Part-financed by the European Regional Development Fund
 INVESTING IN YOUR FUTURE

Context_Regions

SURFACE km ²	POPULATION inh.	DENSITY inh./km ²
 <p>19950 km²</p>	 <p>274 000 inh.</p>	 <p>13,65 inh./km²</p>
 <p>11350 km²</p>	 <p>741 282 inh.</p>	 <p>66,37 inh./km²</p>
 <p>1545 km²</p>	 <p>287 551 inh.</p>	 <p>186,12 inh./km²</p>

Legend

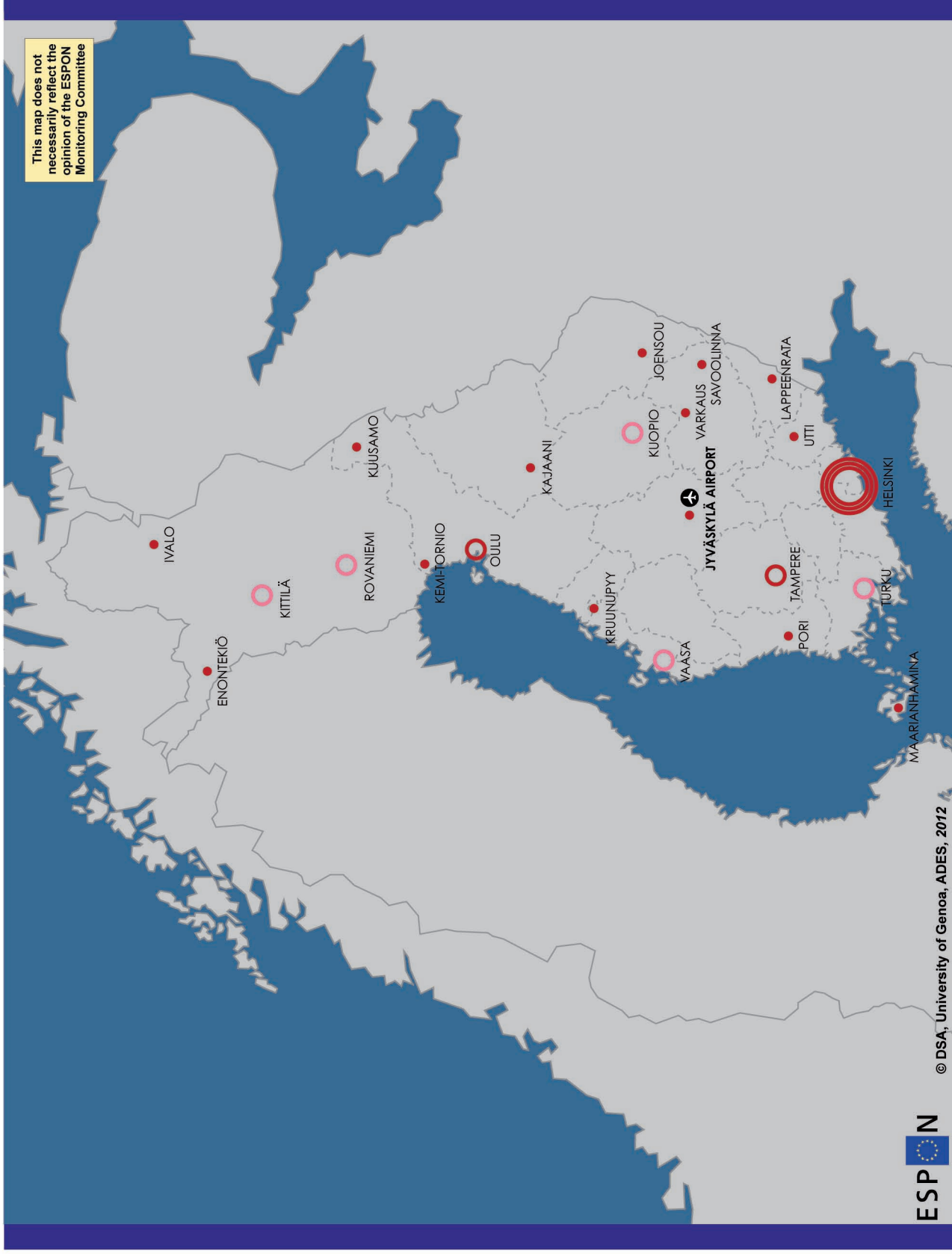
Central Finland

Western Greece

Provincia di Savona

Airports and infrastructures in ADES stakeholders regions

Finland_Airports



MOTORWAY

Greece 553 km
 Finland 779 km
 Italy 6.661 km

RAILWAYS NETWORK

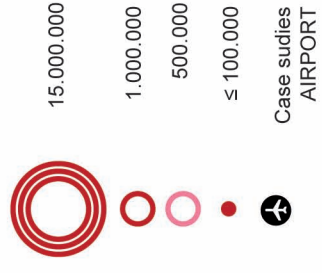
Greece 2.571 km
 Finland 8.816 km
 Italy 24.179 km

AIRPORTS

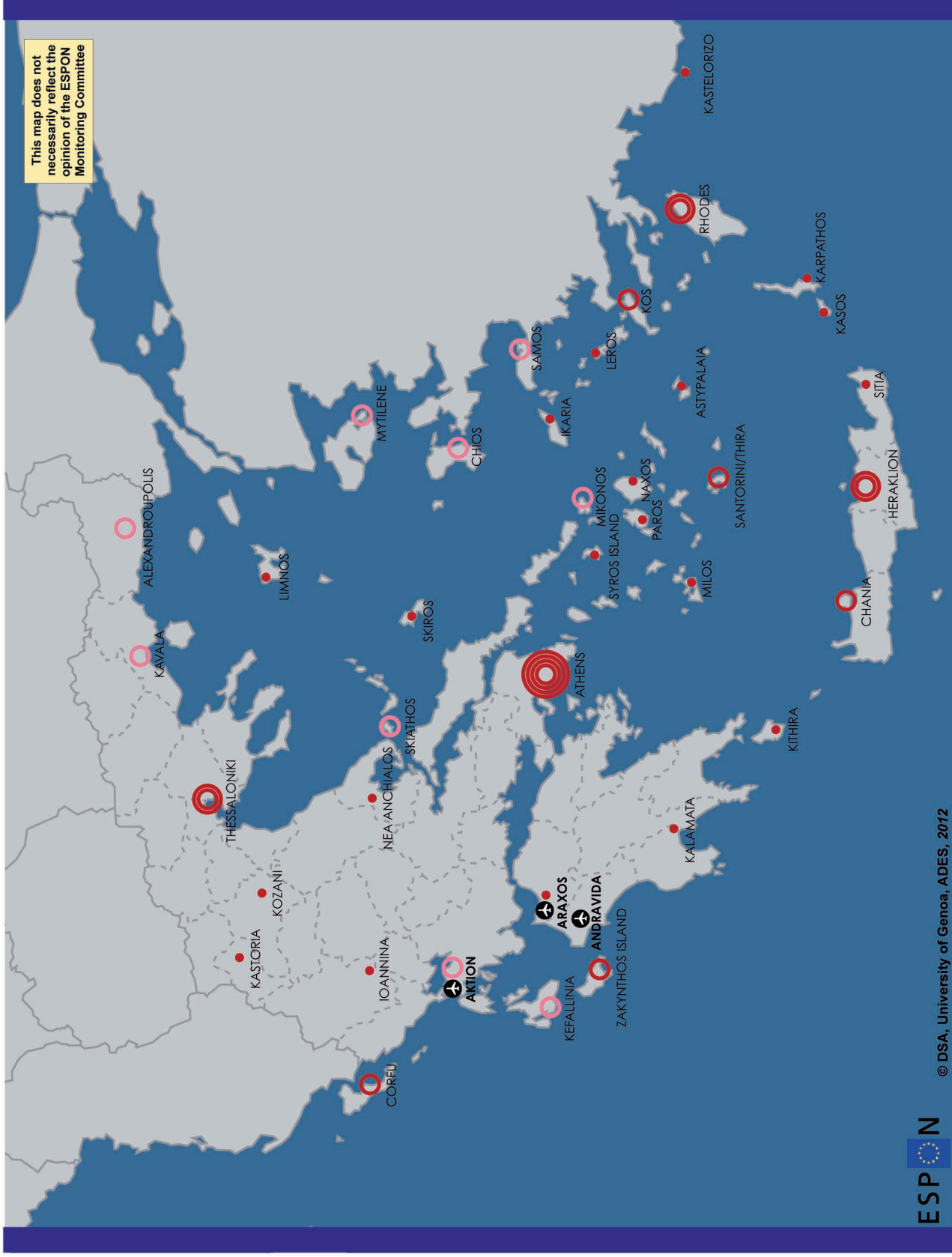
Greece 38
 Finland 22
 Italy 27

Legend

Passengers in 2010



Greece_Airports



MOTORWAY

Greece 553 km
Finland 779 km

Italy 6.661 km

RAILWAYS NETWORK

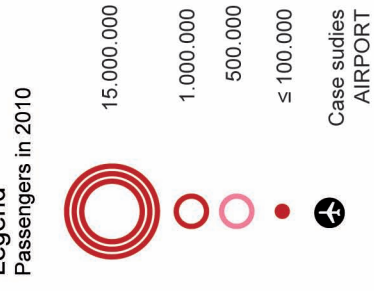
Greece 2.571 km
Finland 8.816 km

Italy 24.179 km

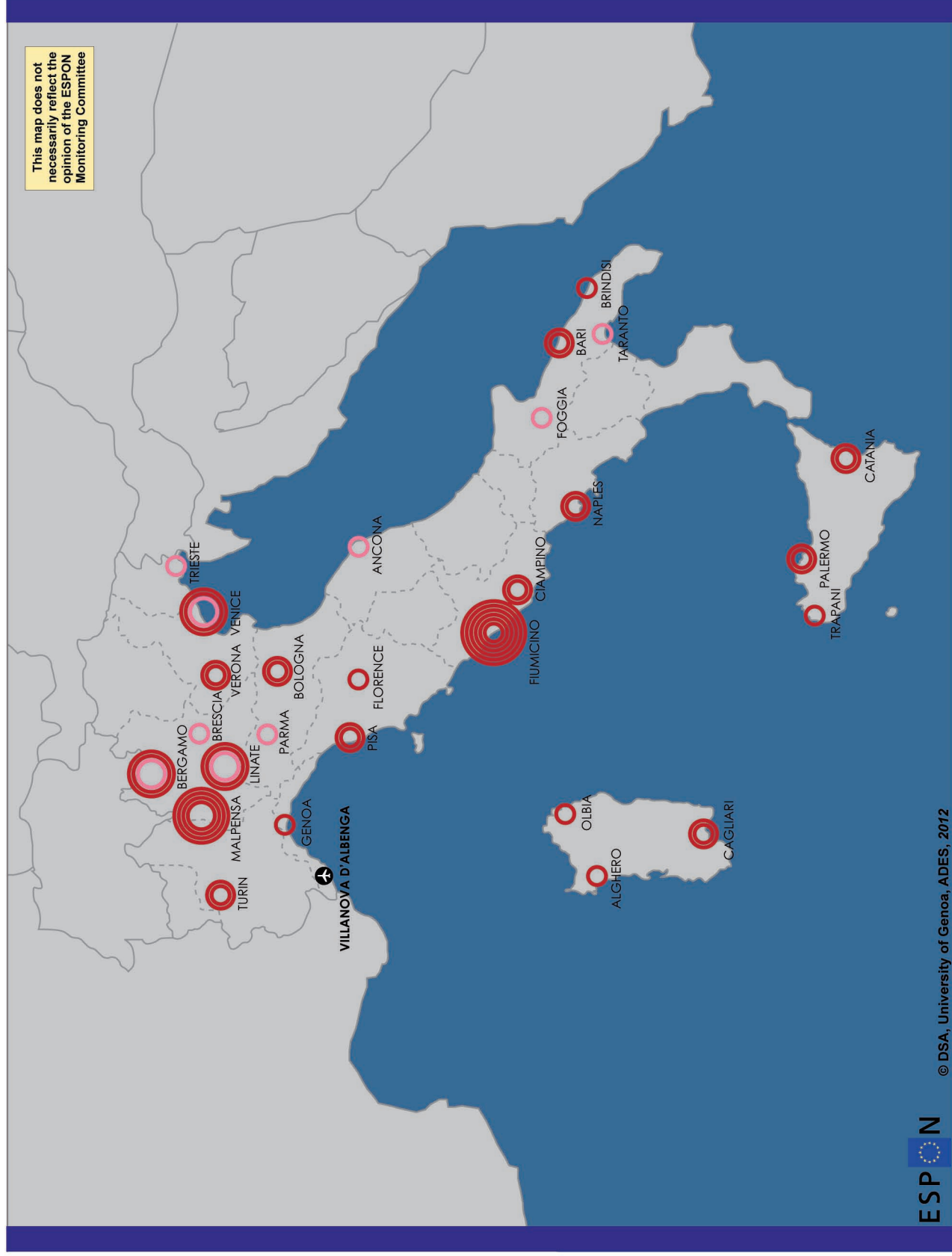
AIRPORTS

Greece 38
Finland 22
Italy 27

Legend



Italy_Airports



MOTORWAY

Greece 553 km
 Finland 779 km

Italy 6.661 km

RAILWAYS NETWORK

Greece 2.571 km
 Finland 8.816 km

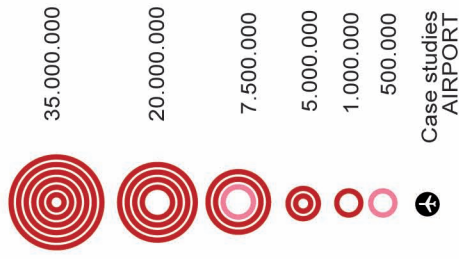
Italy 24.179 km

AIRPORTS

Greece 38
 Finland 22
Italy 27

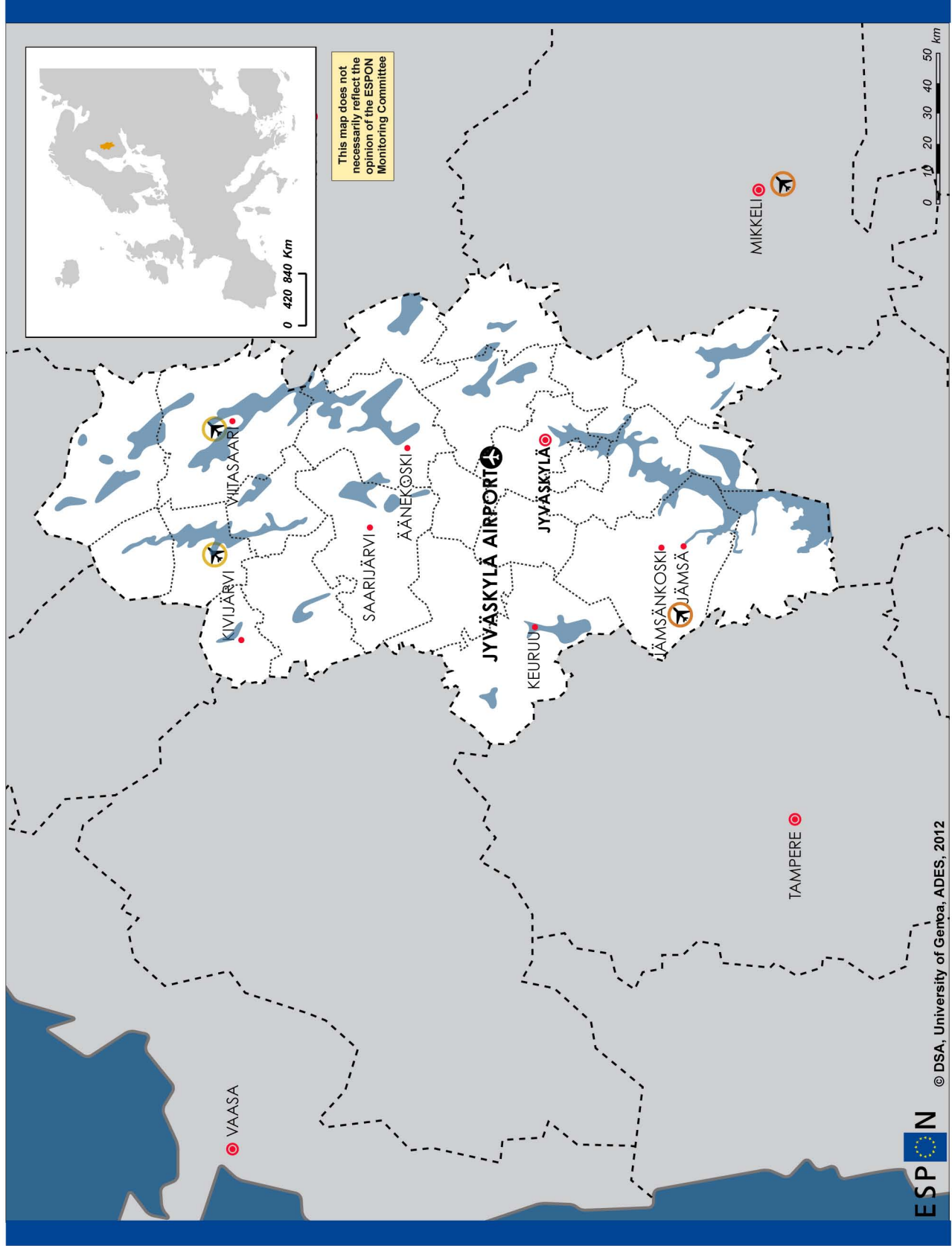
Legend




Passengers in 2010



Descriptive Maps
CENTRAL FINLAND

Infrastructure Airports



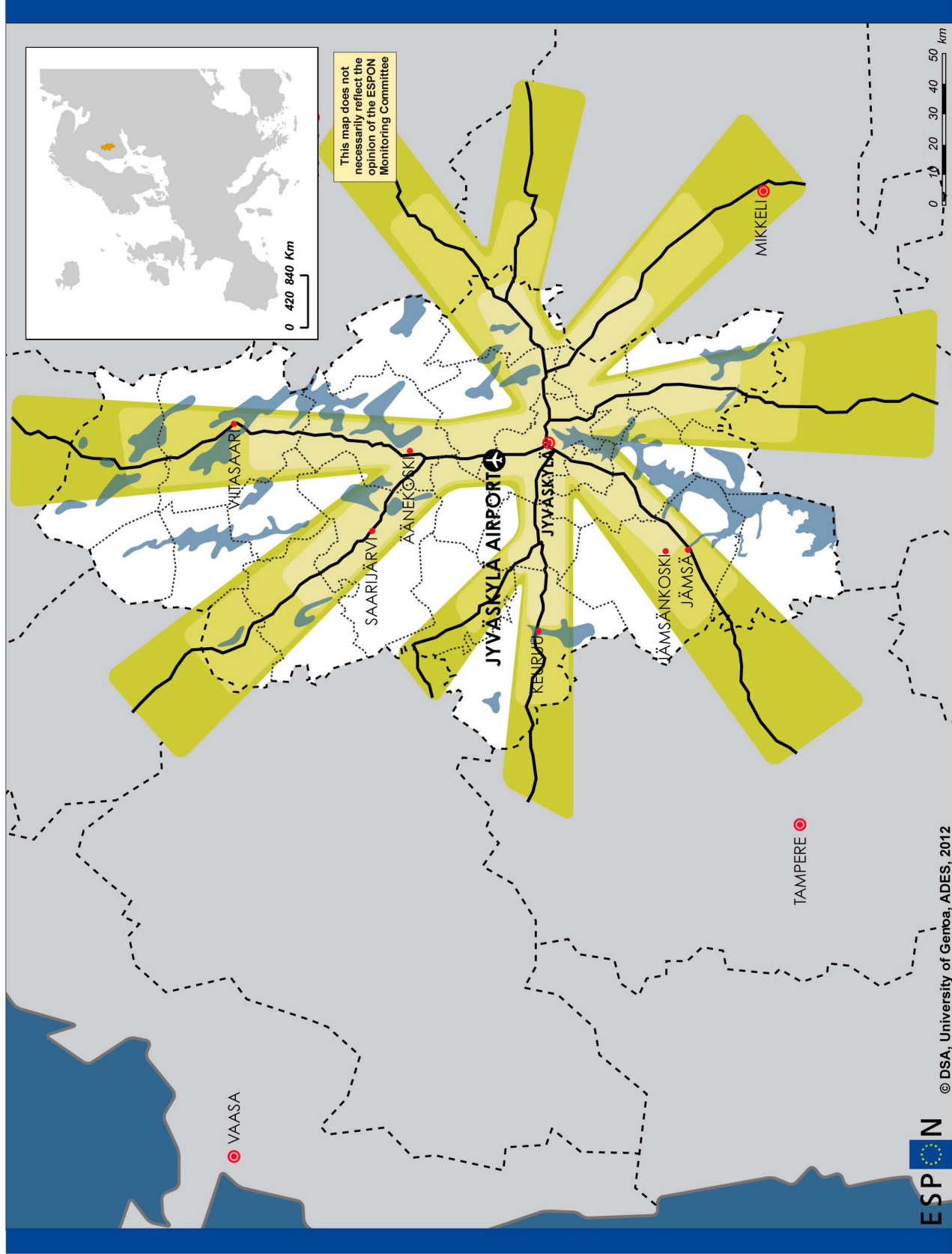
- Legend**
-  Ades airport
 -  Small airport
 -  Airfields

ESPON  © DSA, University of Genoa, ADES, 2012

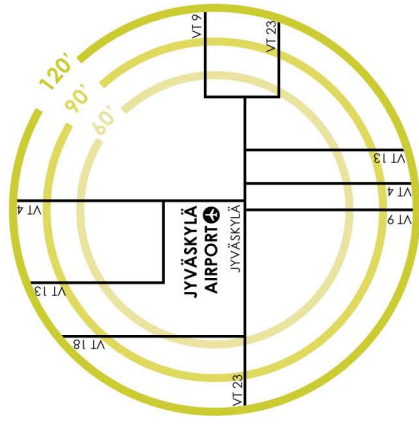
 EUROPEAN UNION
Part-financed by the European Regional Development Fund
INVESTING IN YOUR FUTURE

Regional level: NUTS 3
Source: Map of Airports in Finland, 2012
Origin of data: www.finavia.fi
© EuroGeographics Association for administrative boundaries

Infrastructure Highways



Diagram

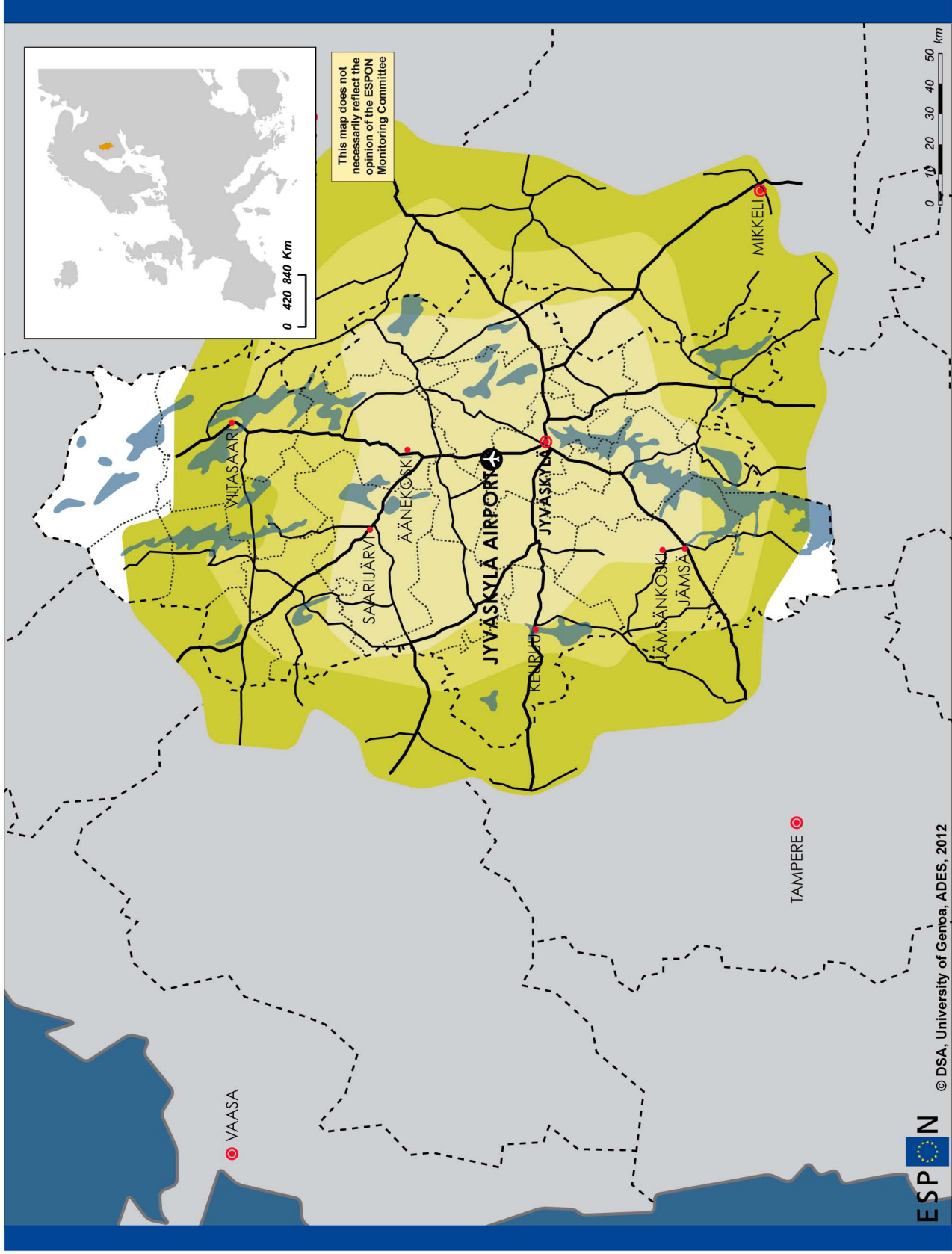


Legend

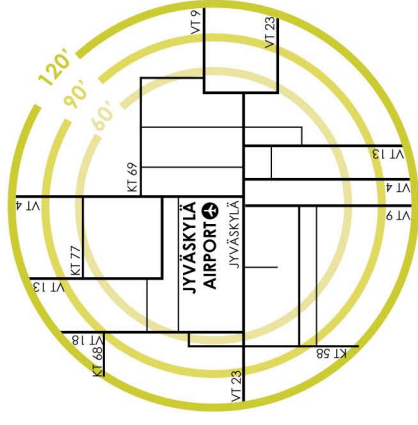
-  Existing highways
-  60-90-120 minutes

This map does not necessarily reflect the opinion of the ESPON Monitoring Committee

Infrastructure ₂ Secondary roads



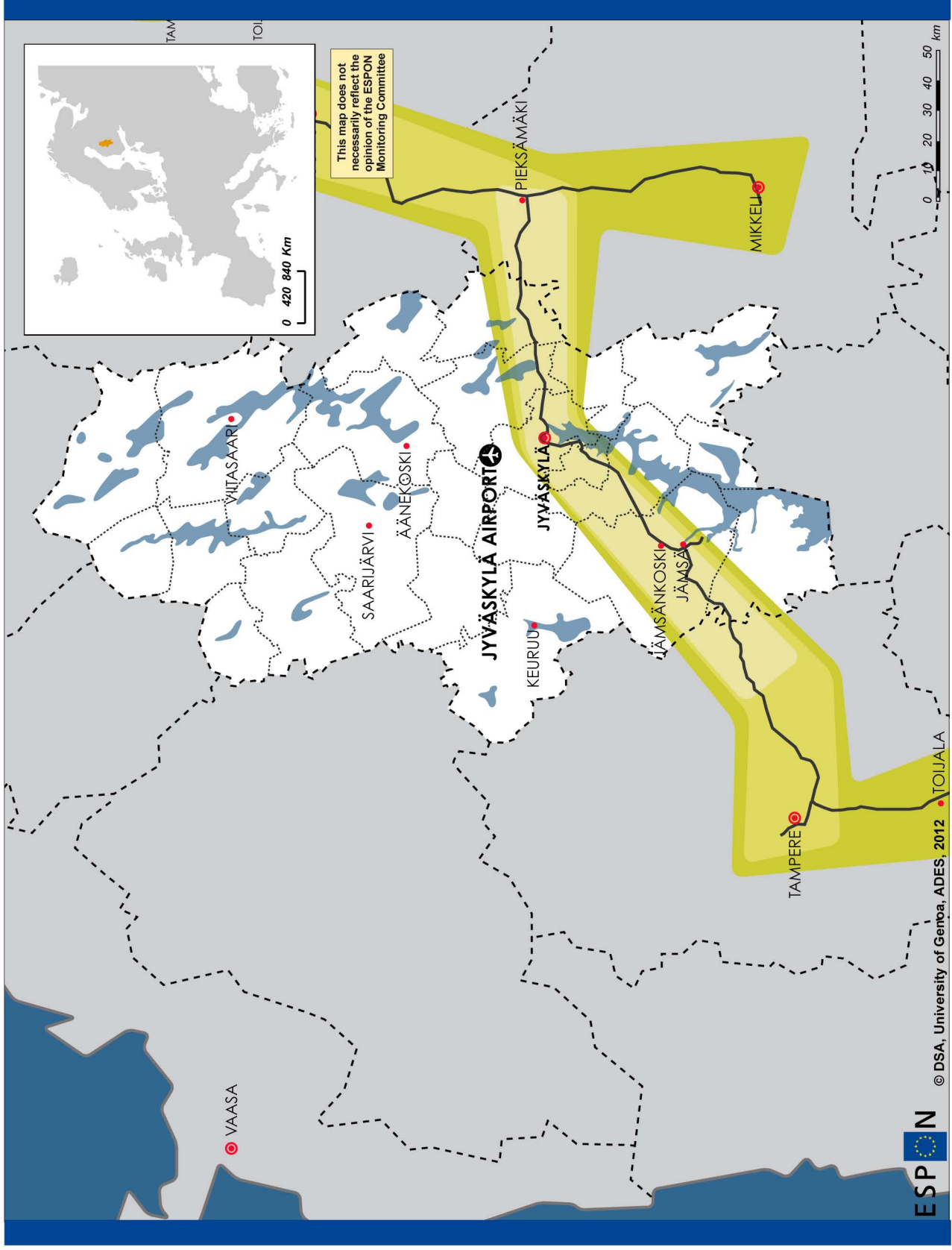
Diagram



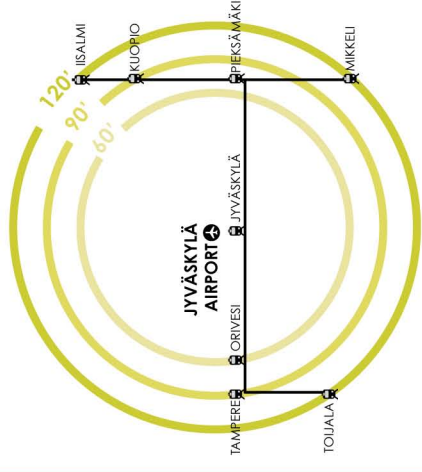
Legend

- Existing highways
- Existing road
- 60-90-120 minutes

Infrastructure Intercity trains



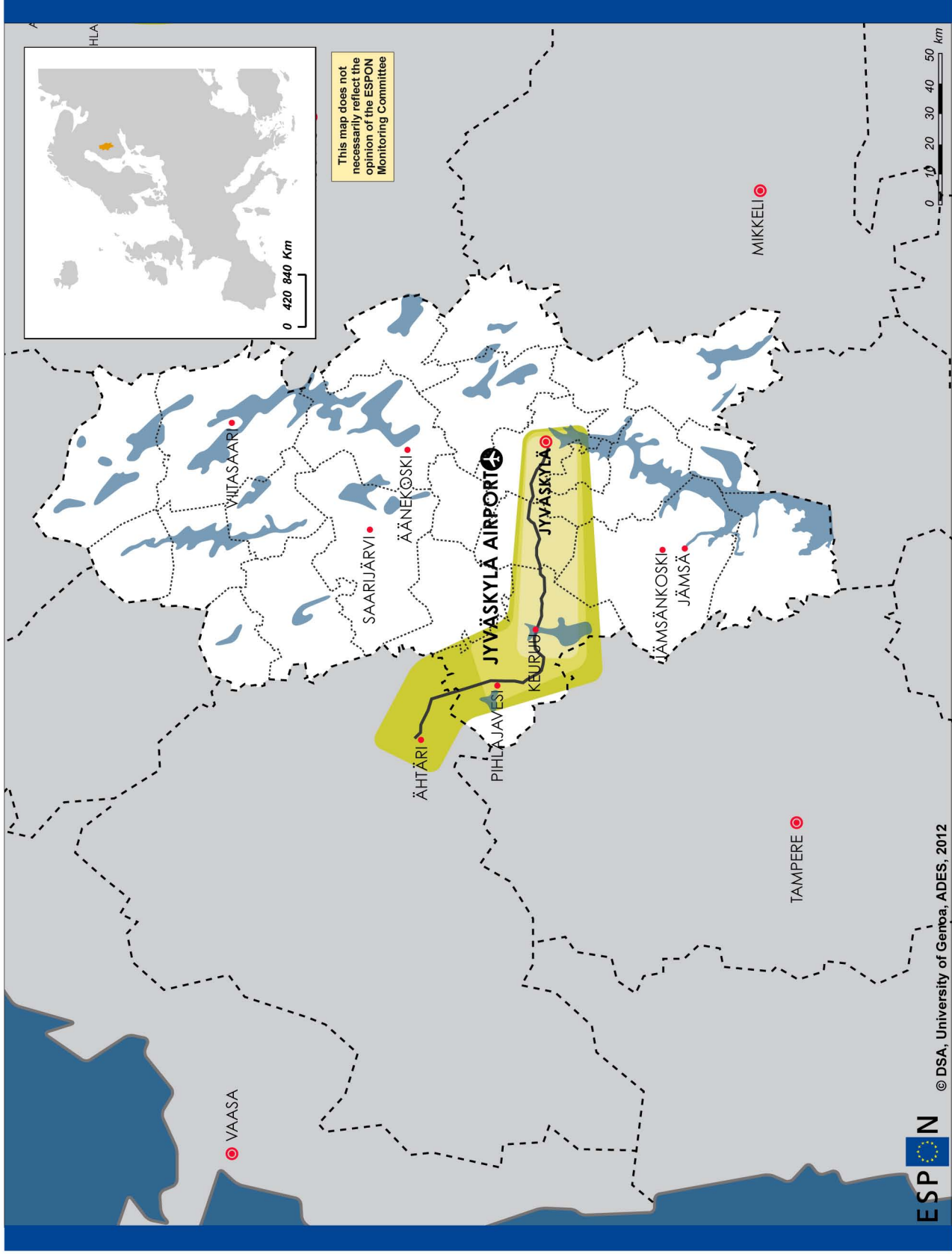
Diagram



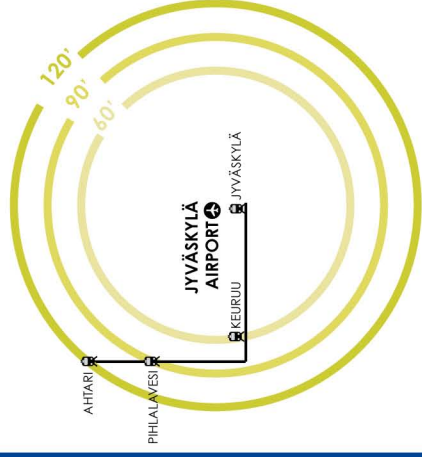
Legend

- Existing railway
- 60-90-120 minutes

Infrastructure Regional trains



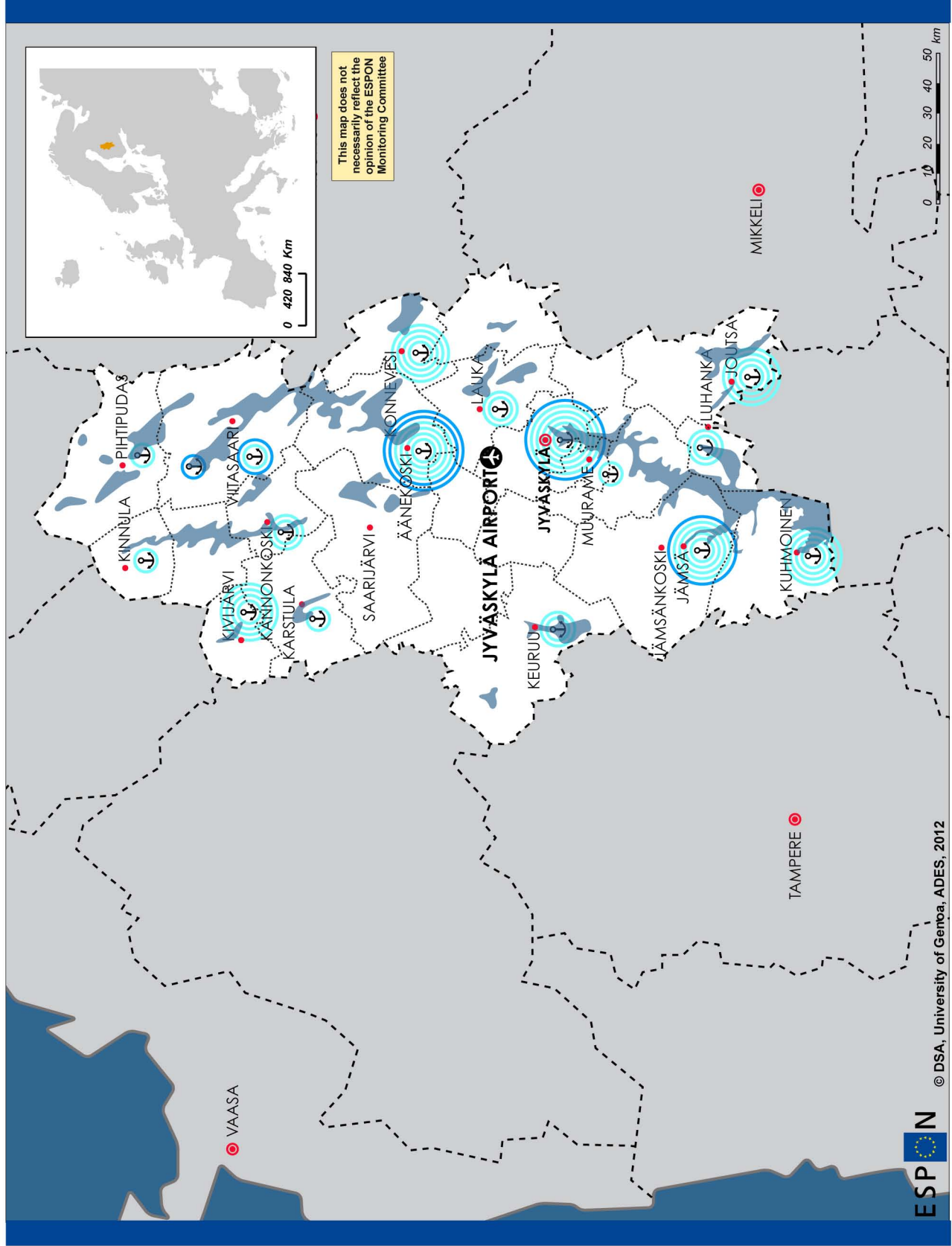
Diagram



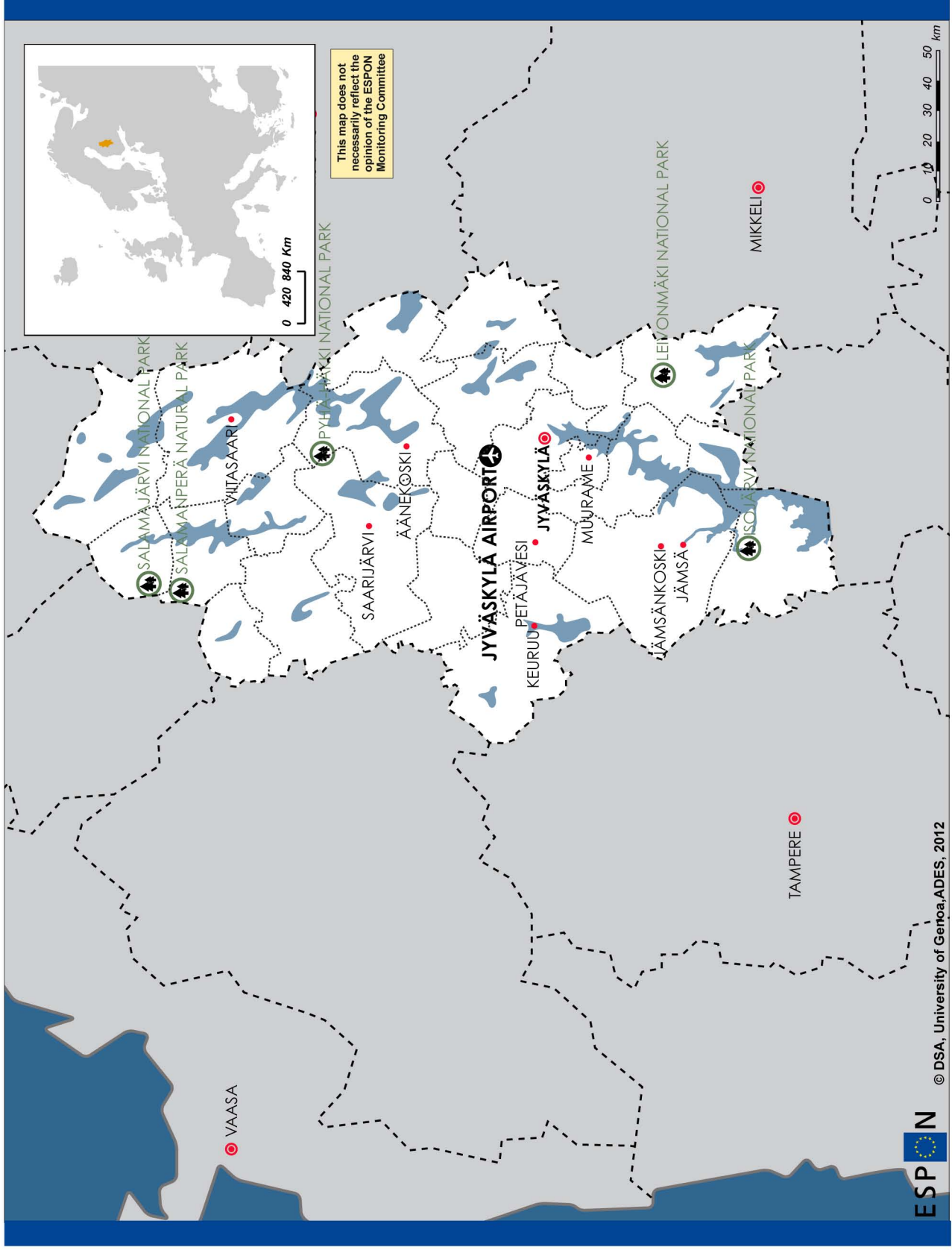
Legend

- Existing railway
- 60-90-120 minutes

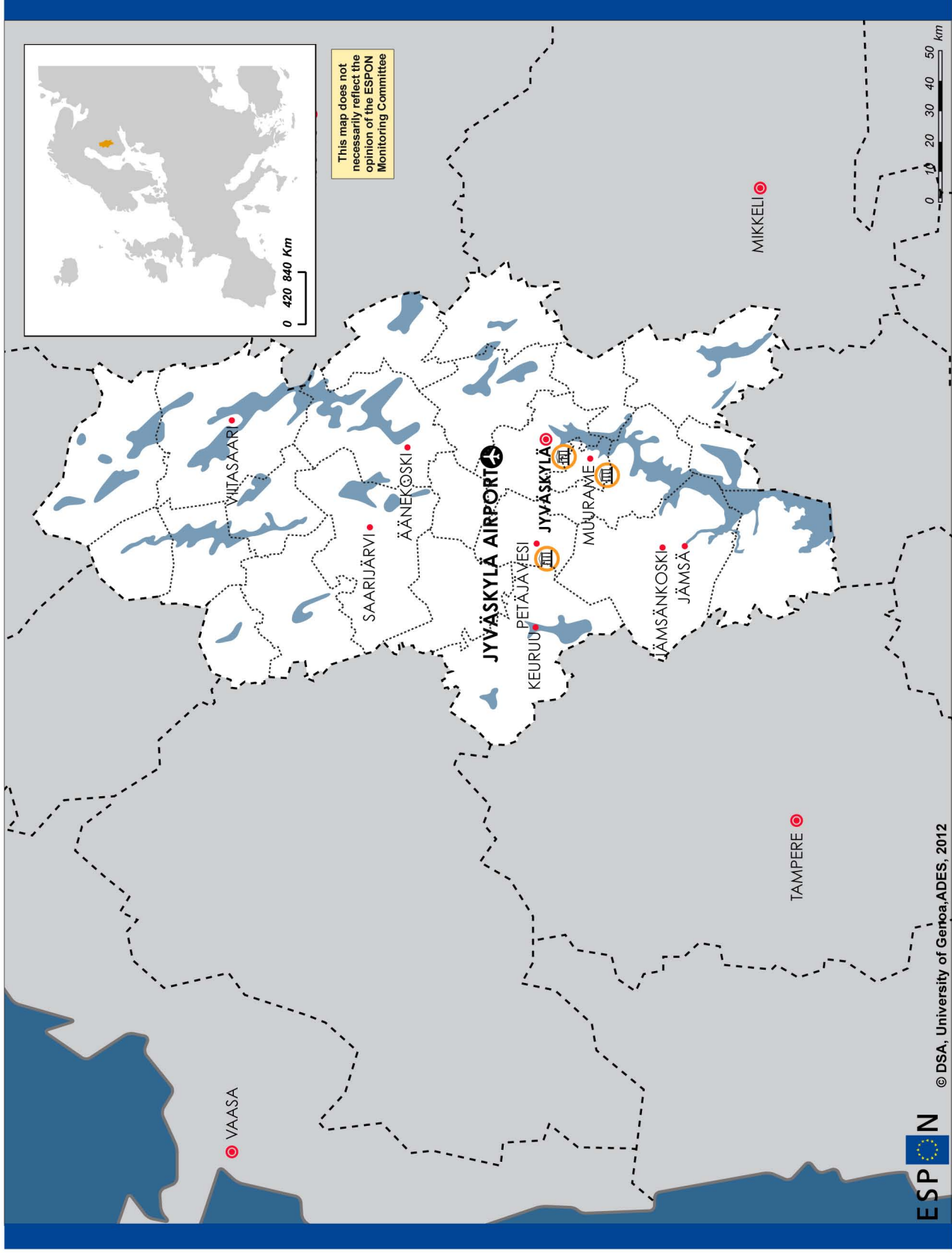
Infrastructure Harbours



Tourism Natural Parks



Tourism Cultural heritage



Legend



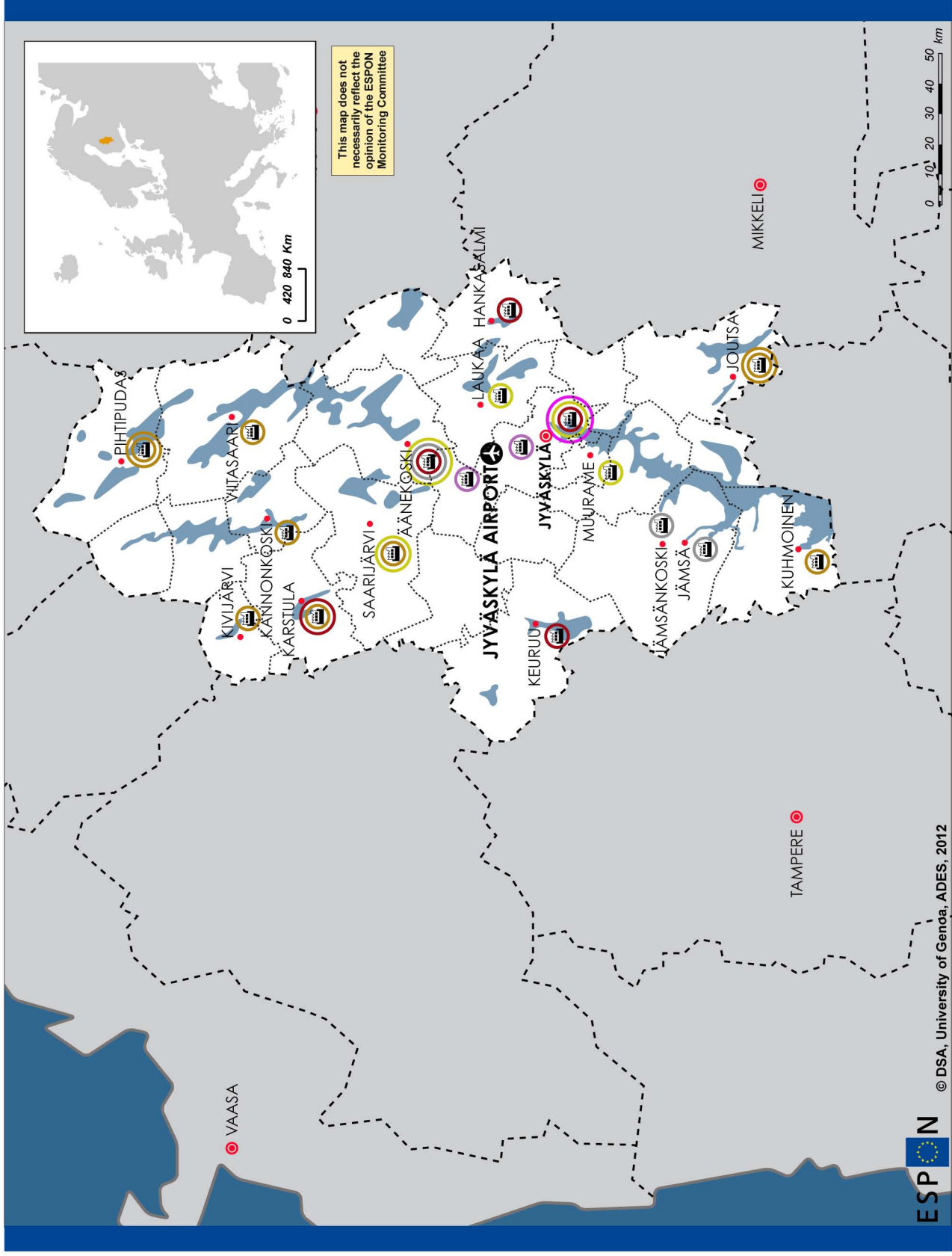
Regional level: NUTS 3
 Source: World Heritage List, 2012
 Origin of data: whc.unesco.org
 © EuroGeographics Association for administrative boundaries









EUROPEAN UNION
 Part-financed by the European Regional Development Fund
 INVESTING IN YOUR FUTURE

© DSA, University of Genoa, ADES, 2012

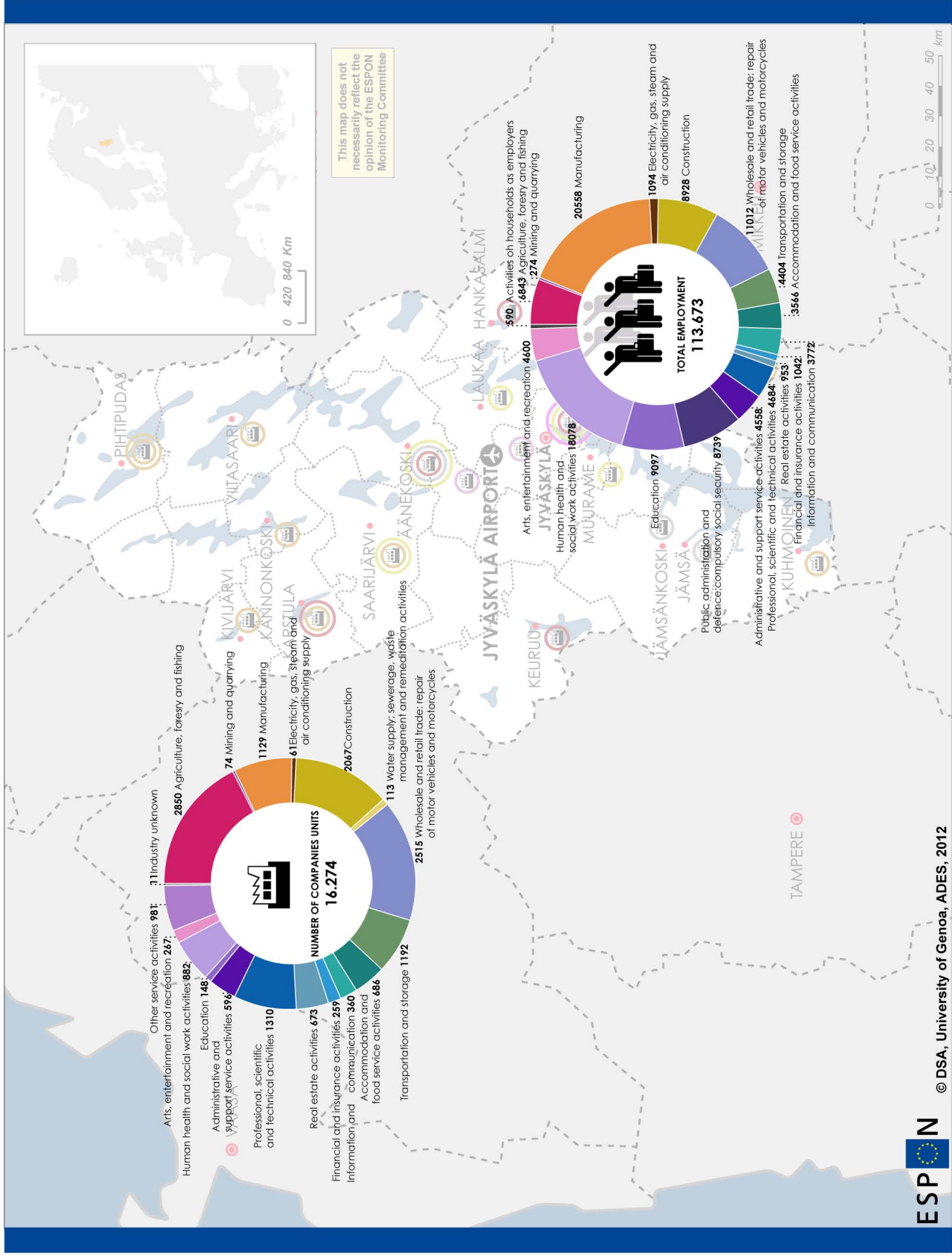
Industry & Commerce Industrial districts



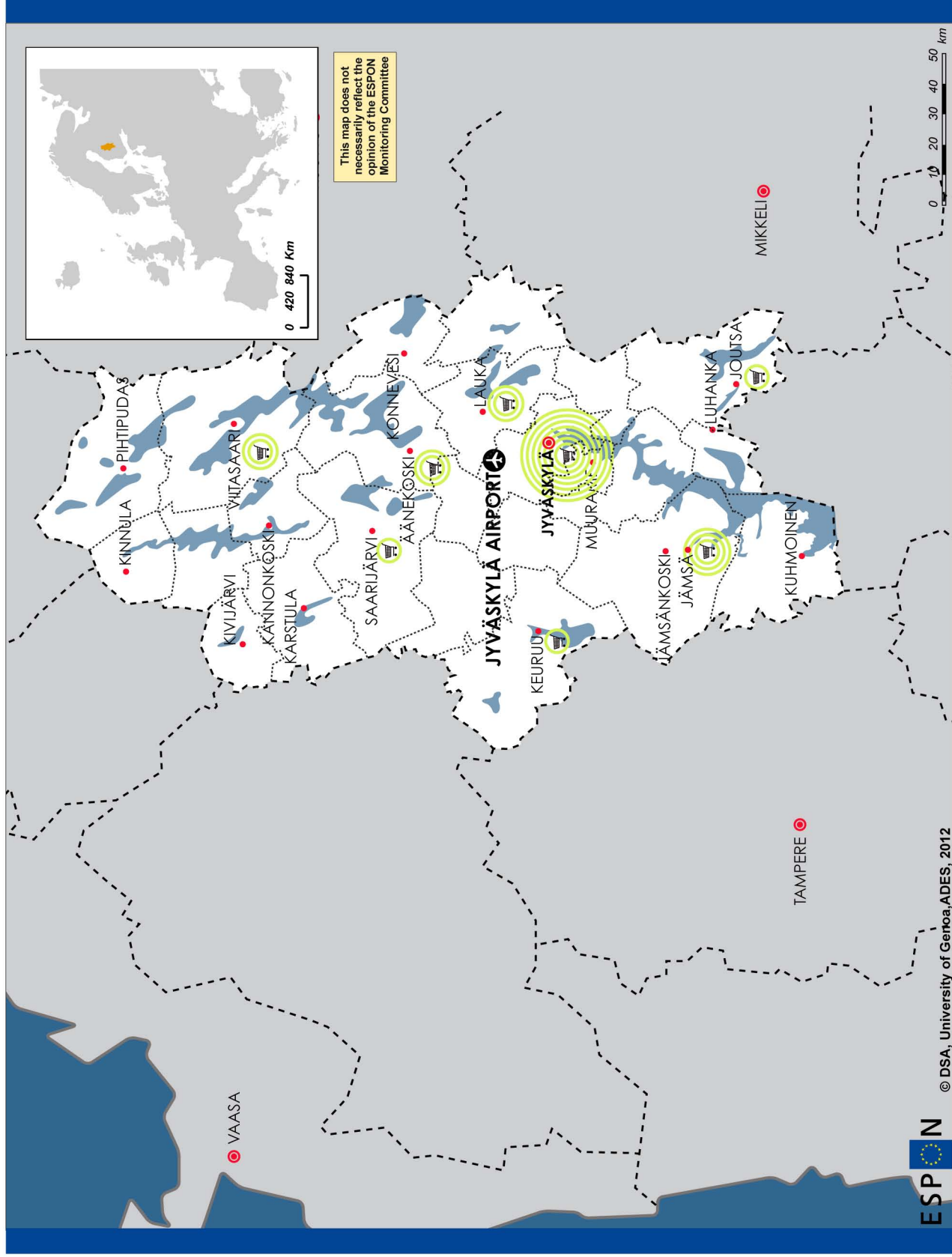
Legend

-  Logistic centers
-  Wood technology and bioenergy
-  Housing and construction
-  Paper industry
-  Machinery
-  High tech, innovation

Industry & Commerce Companies & Employees



Industry & Commerce Shopping malls



Legend

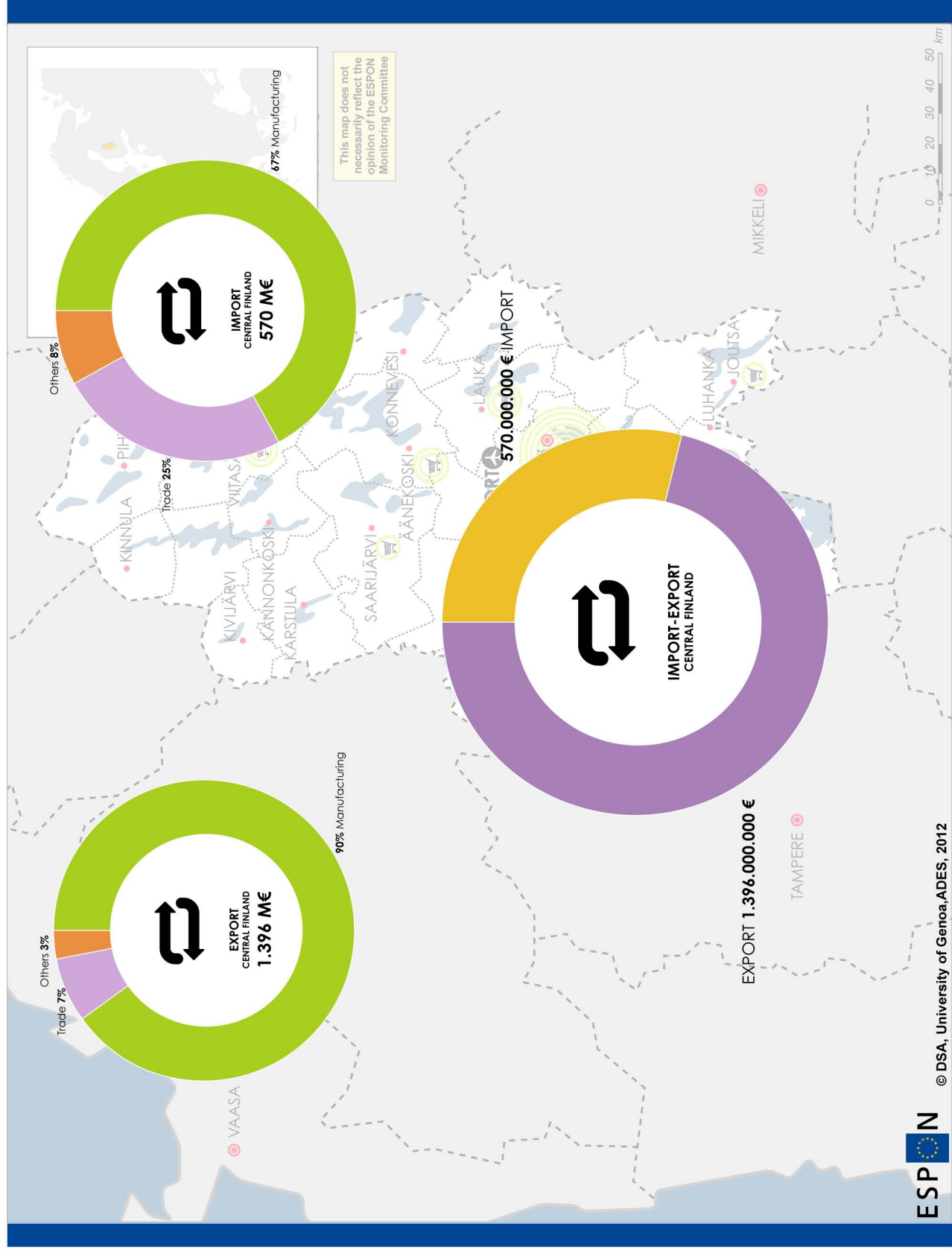


Shopping malls

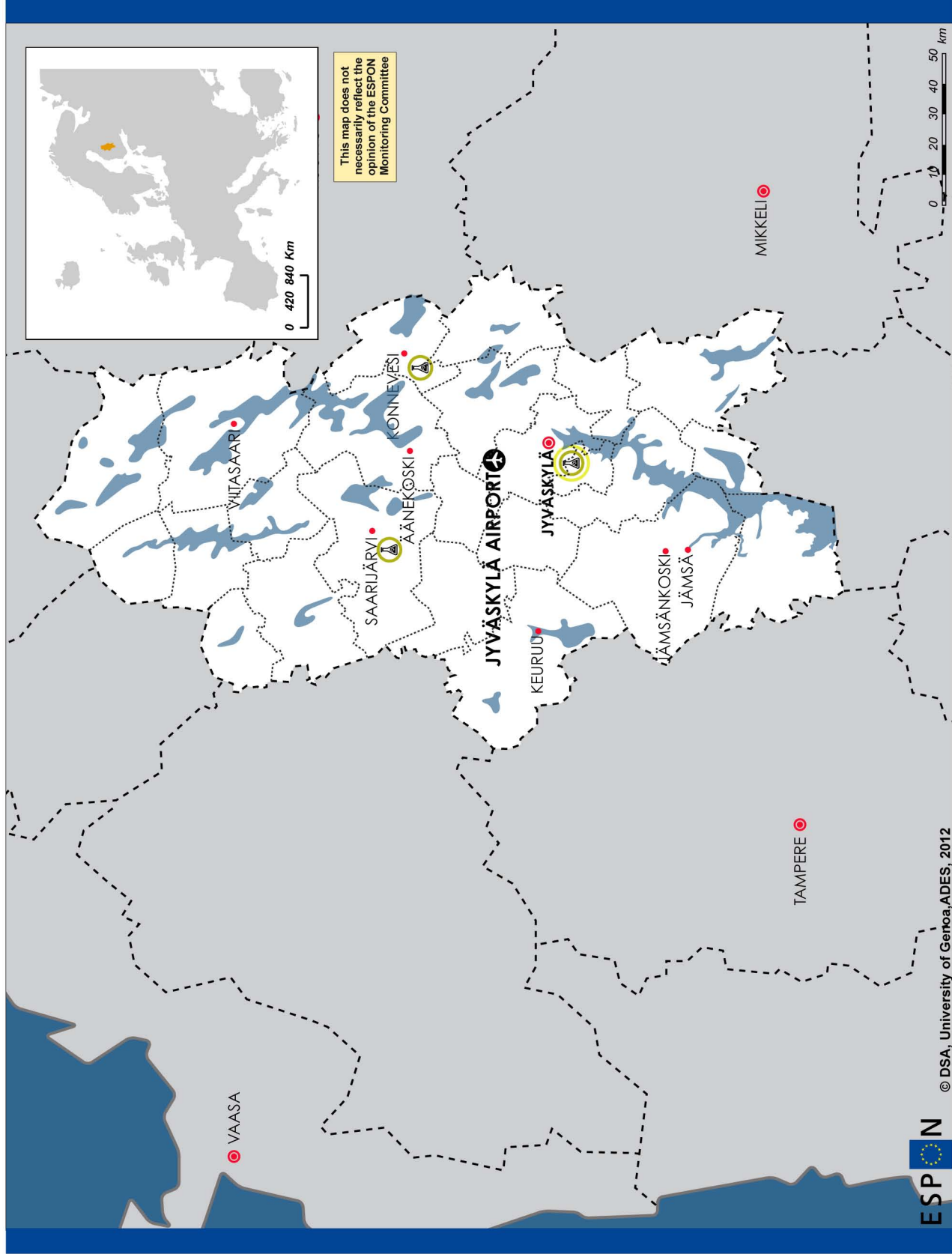


Number of shopping malls

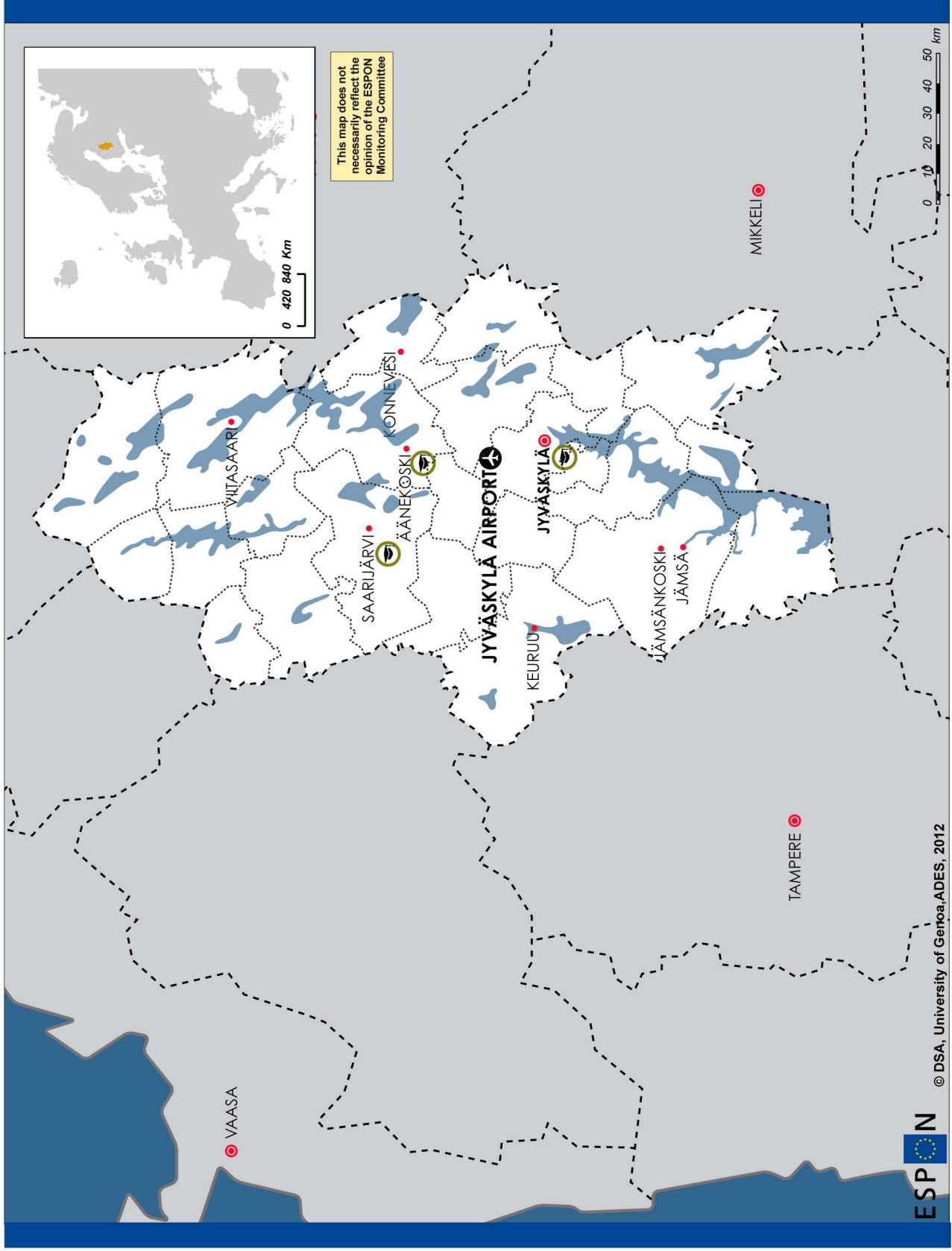
Industry & Commerce Import-export



Education & Research Research Institutions



Education & Research - Universities



Legend



Universities

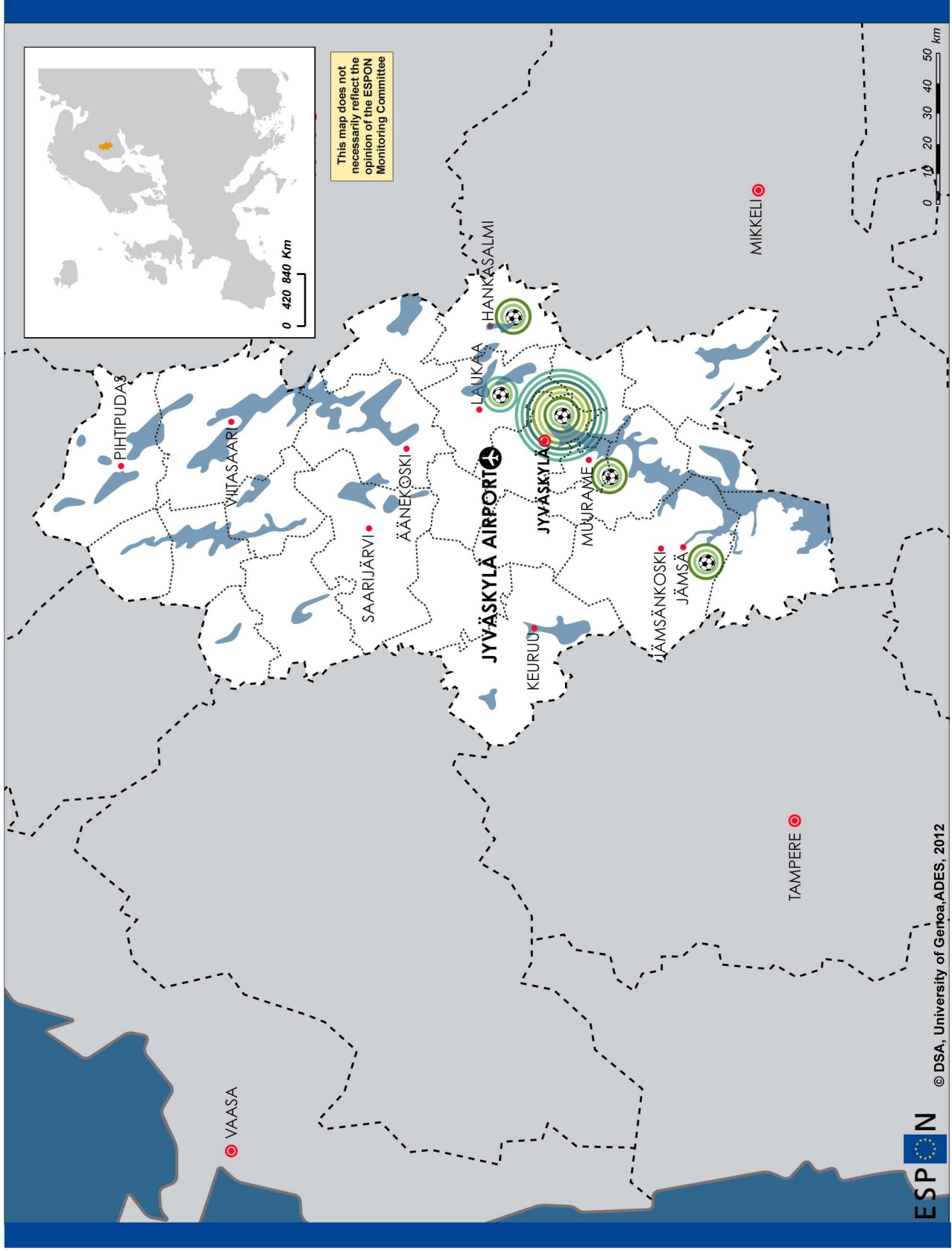


© DSA, University of Genoa, ADES, 2012

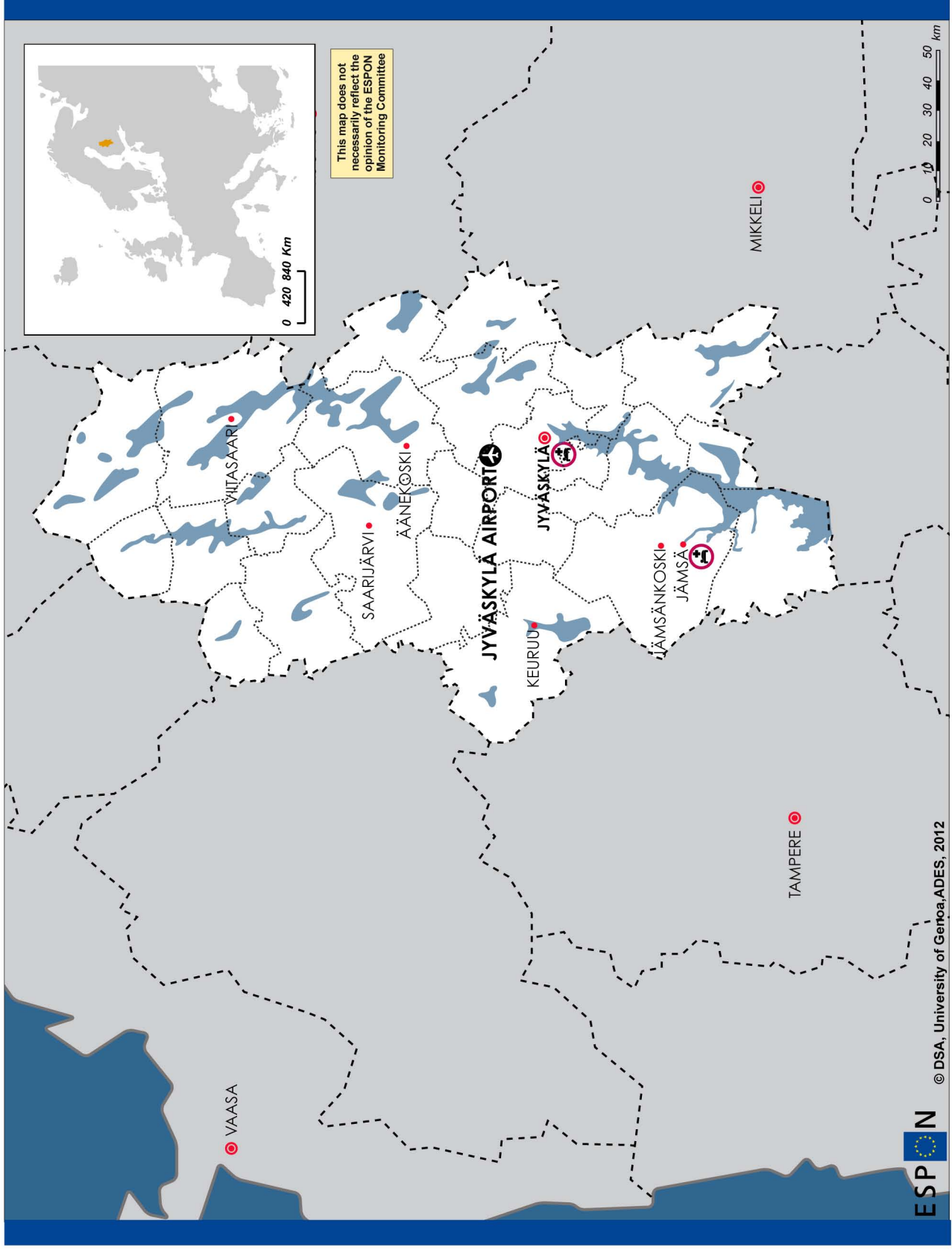
EUROPEAN UNION
Part-financed by the European Regional Development Fund
INVESTING IN YOUR FUTURE

Regional level: NUTS 3
Source: University List, 2012
Origin of data: www.tekes.fi
© EuroGeographics Association for administrative boundaries

Public services_Sport Complex



Public services Hospitals



Legend



Hospitals

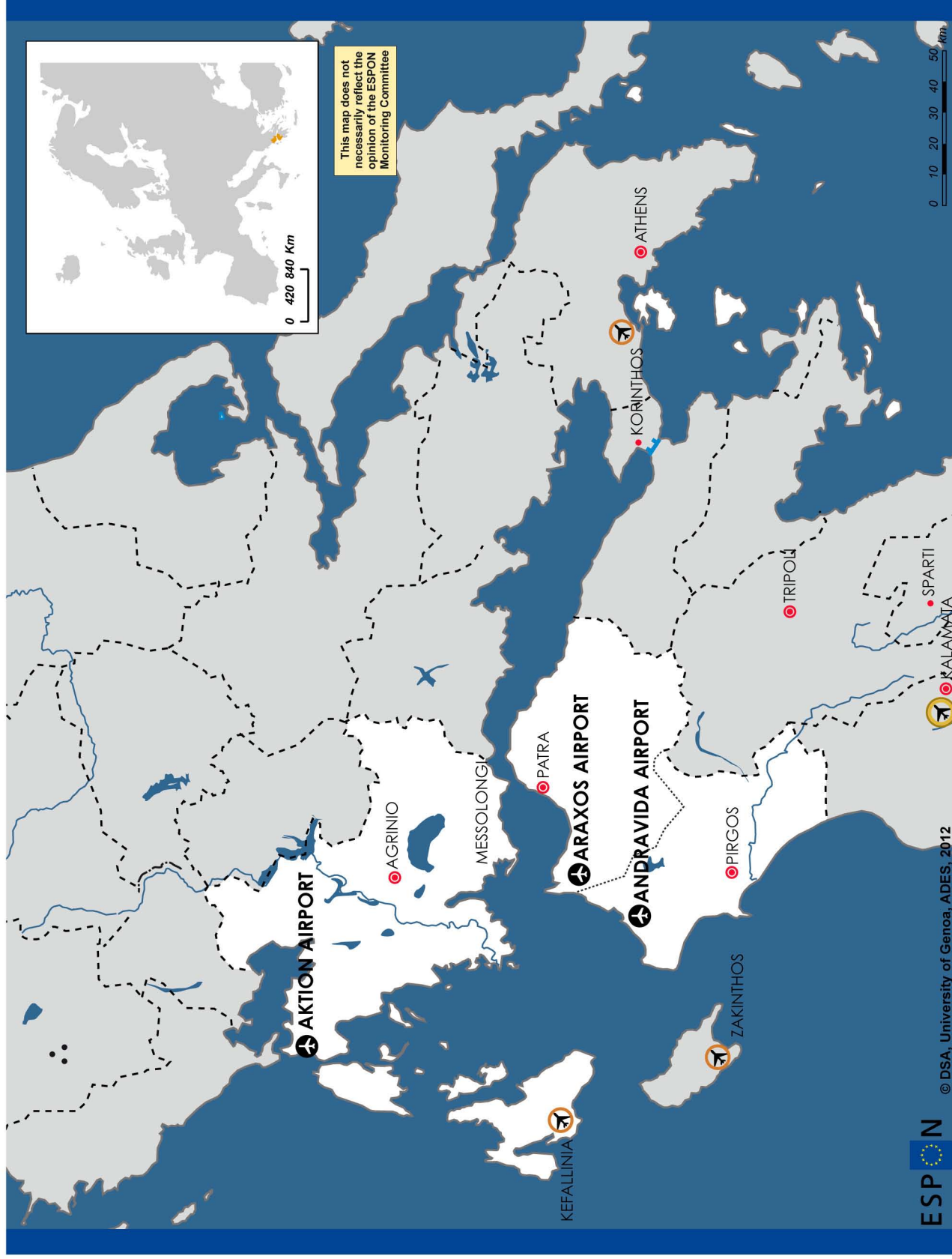
ESPON  © DSA, University of Genoa, ADES, 2012

 EUROPEAN UNION
Part-financed by the European Regional Development Fund
INVESTING IN YOUR FUTURE


Regional level: NUTS 3
Source: List of hospitals in Finland, 2012
Origin of data: www.minedu.fi
© EuroGeographics Association for administrative boundaries

Descriptive Maps
REGION OF WESTERN GREECE

Infrastructure Airports



Legend

 Ades airport

 Civil airport

 Military/civil airport

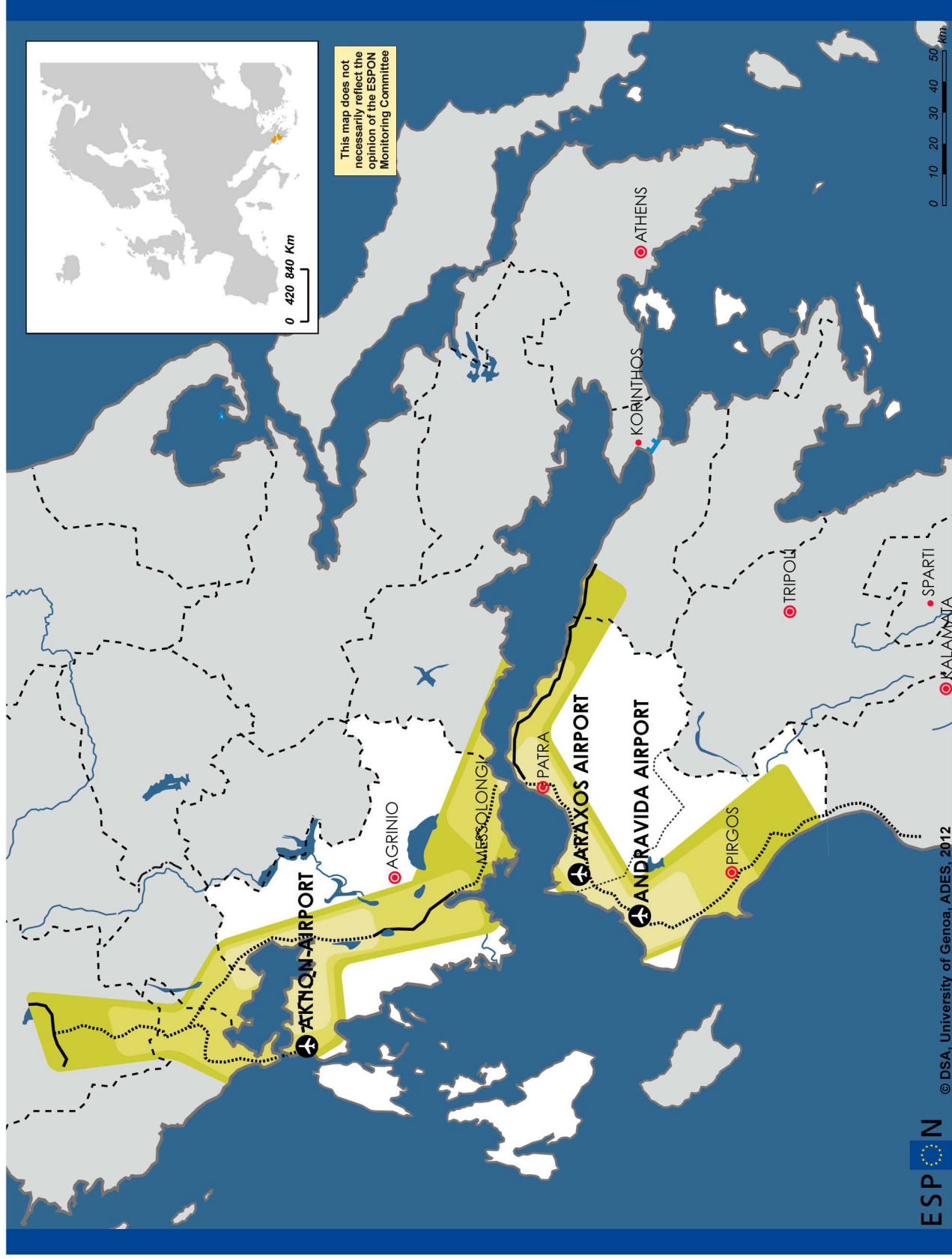
ESPO 

© DSA, University of Genoa, ADES, 2012

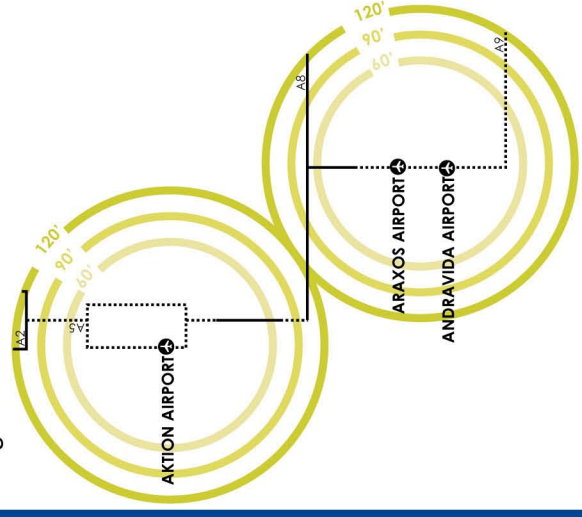
 EUROPEAN UNION
Part-financed by the European Regional Development Fund
INVESTING IN YOUR FUTURE

Regional level: NUTS 3
Source: Map of Airports in Greece, 2012
Origin of data: www.hcaa-eleng.gr
© EuroGeographics Association for administrative boundaries




Infrastructure Highways



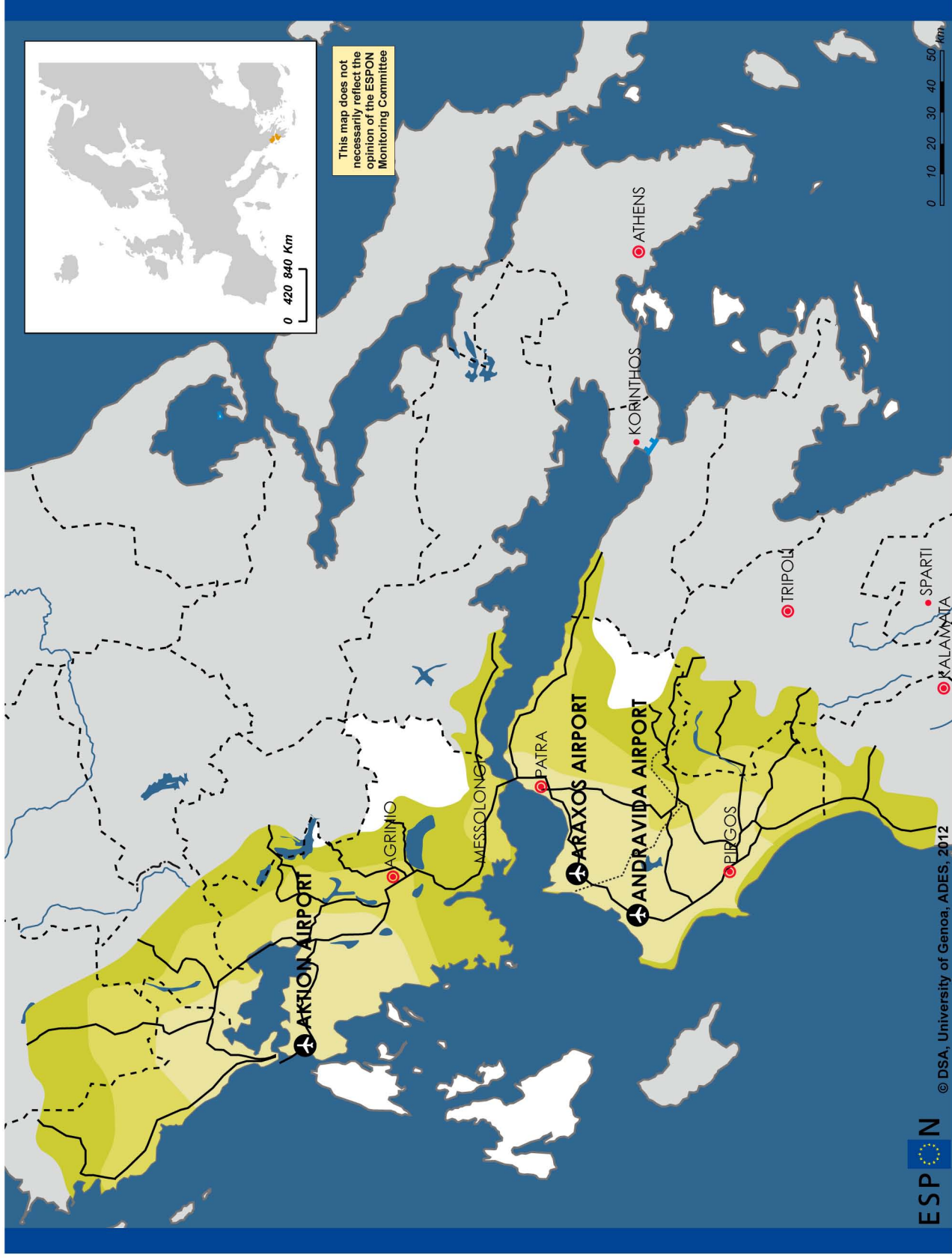
Diagram



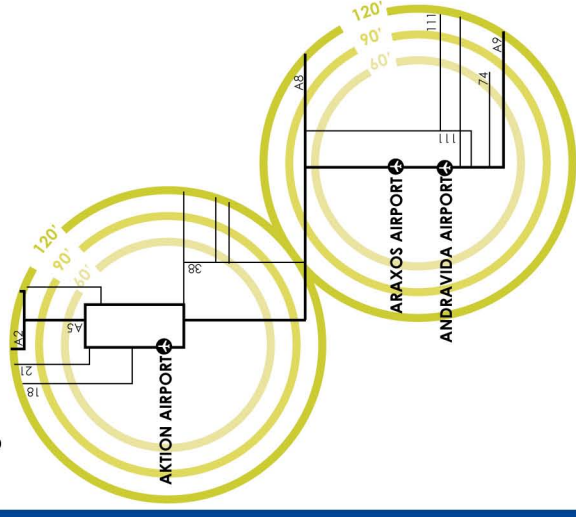
Legend

-  Existing highways
-  Under construction
-  60-90-120 minutes

Infrastructure ₂ Secondary roads



Diagram

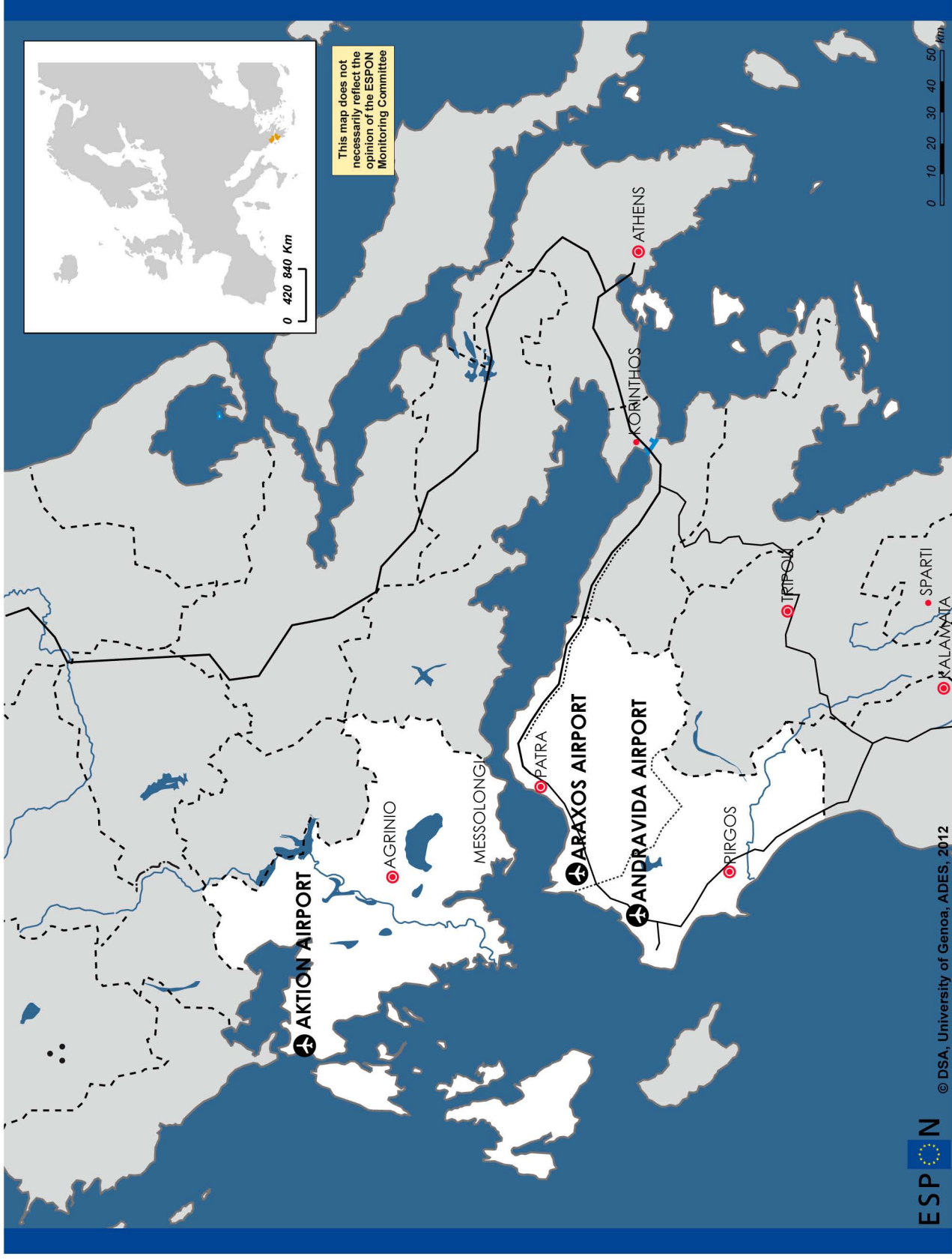


Legend

— Existing road

● 60-90-120 minutes

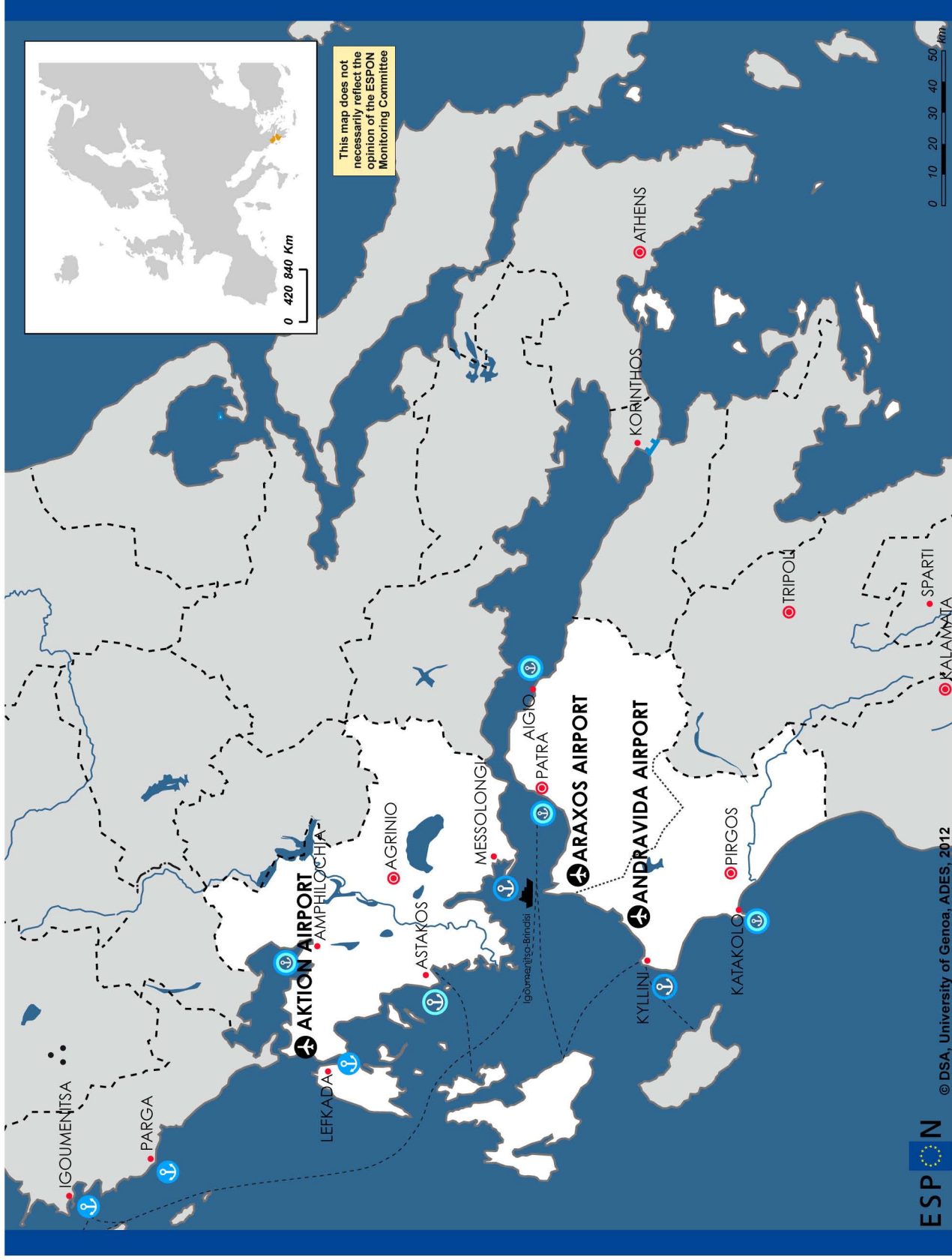
Infrastructure Trains






Legend

- Main line
- Minor line
- Under construction

Infrastructure Harbours



Legend

-  Commercial
-  Touristic harbours
-  Touristic harbours

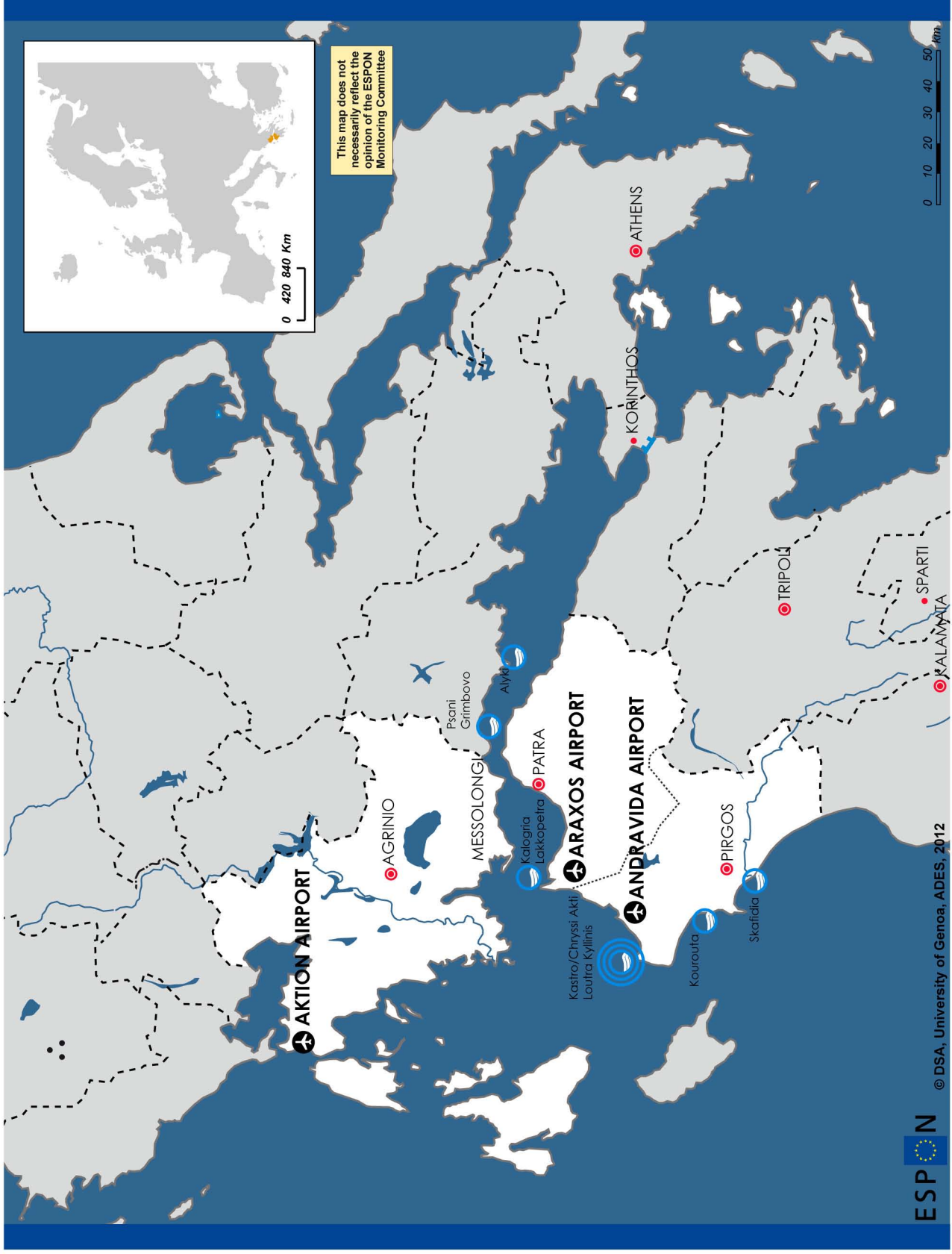
Regional level: NUTS 3
 Source: Map of marines in Greece 2012
 Origin of data: www.greeklandscapes.com
 © EuroGeographics Association for administrative boundaries

EUROPEAN UNION
 Part-financed by the European Regional Development Fund
 INVESTING IN YOUR FUTURE

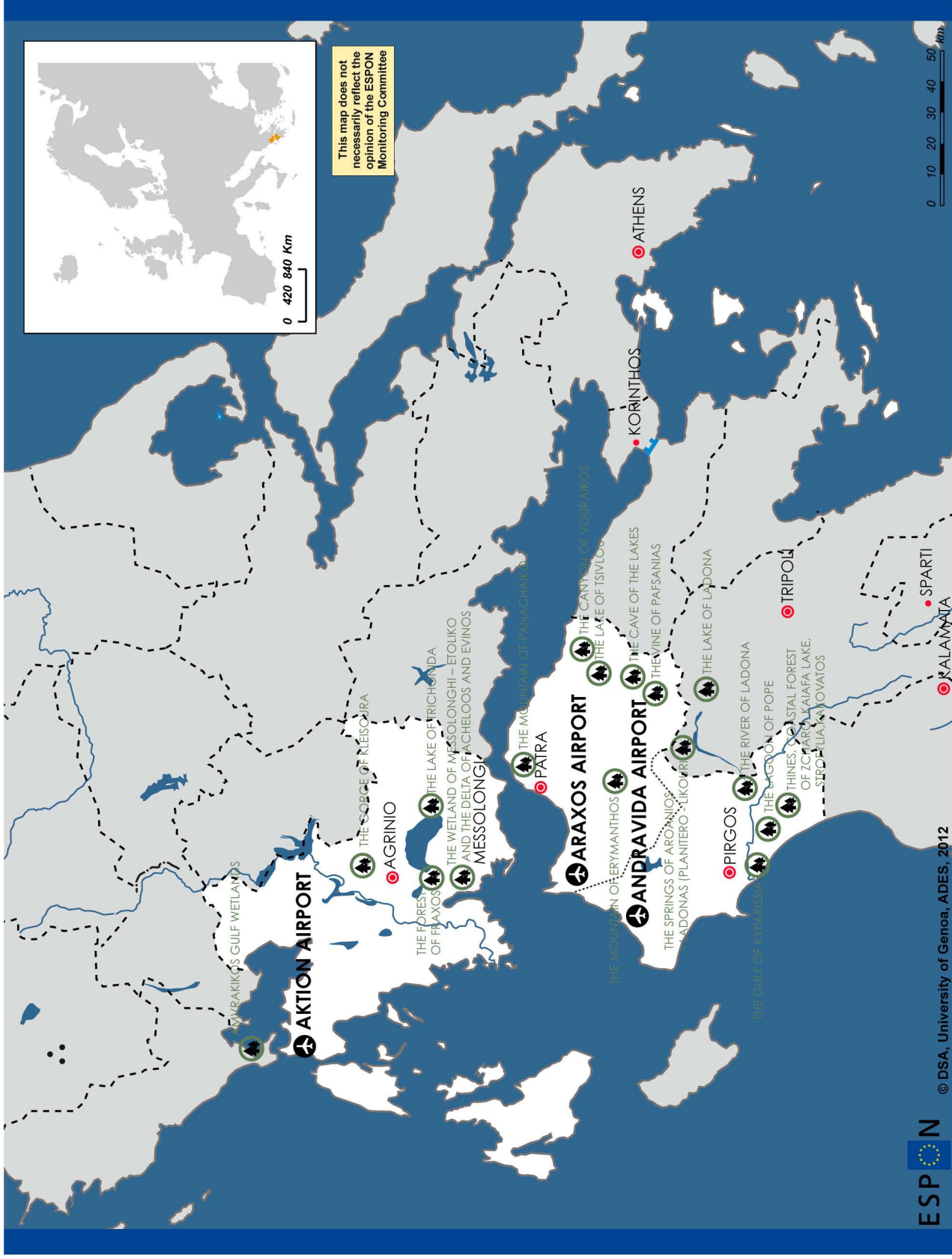
ESPON

© DSA, University of Genoa, ADES, 2012

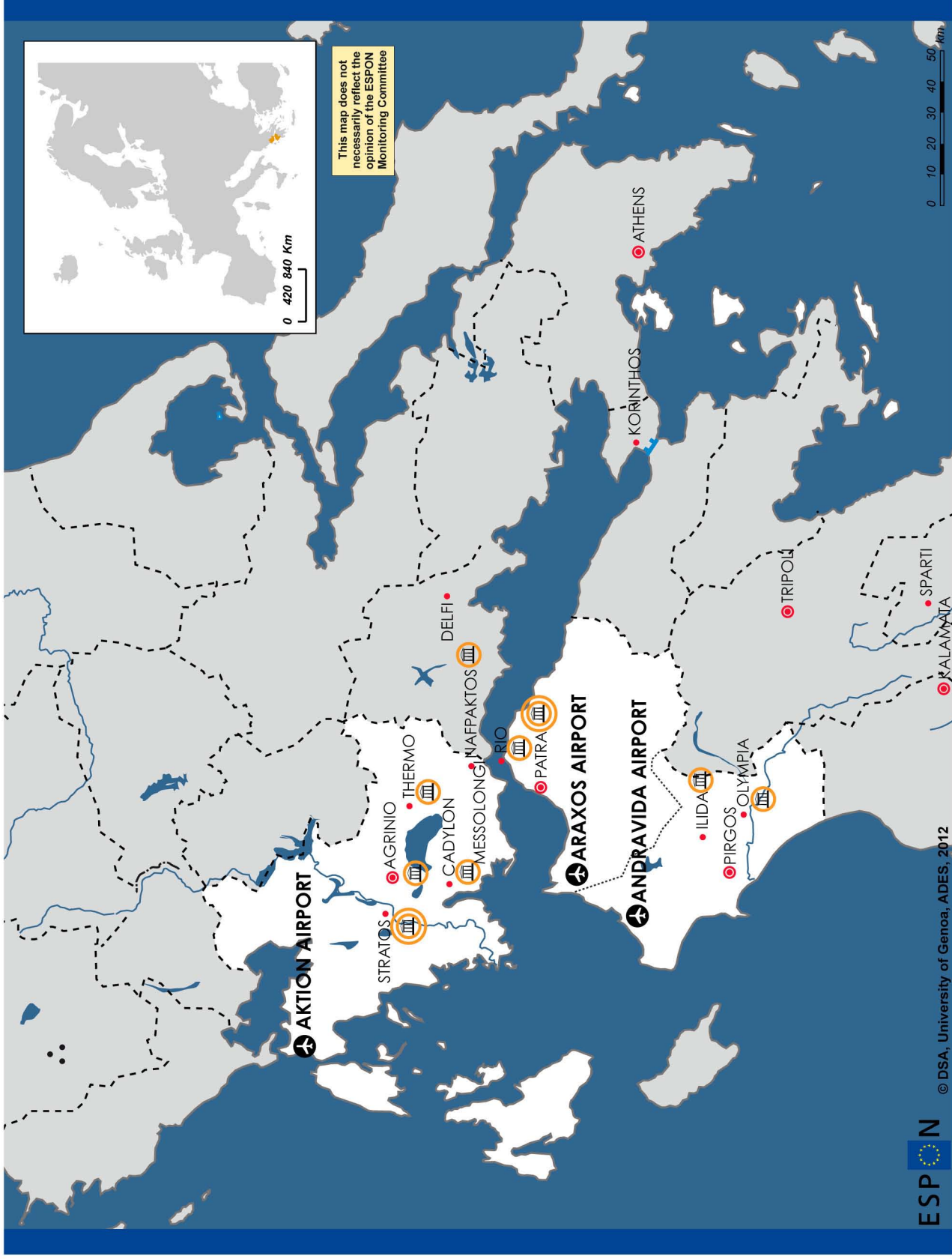
Tourism_The Blue Flag



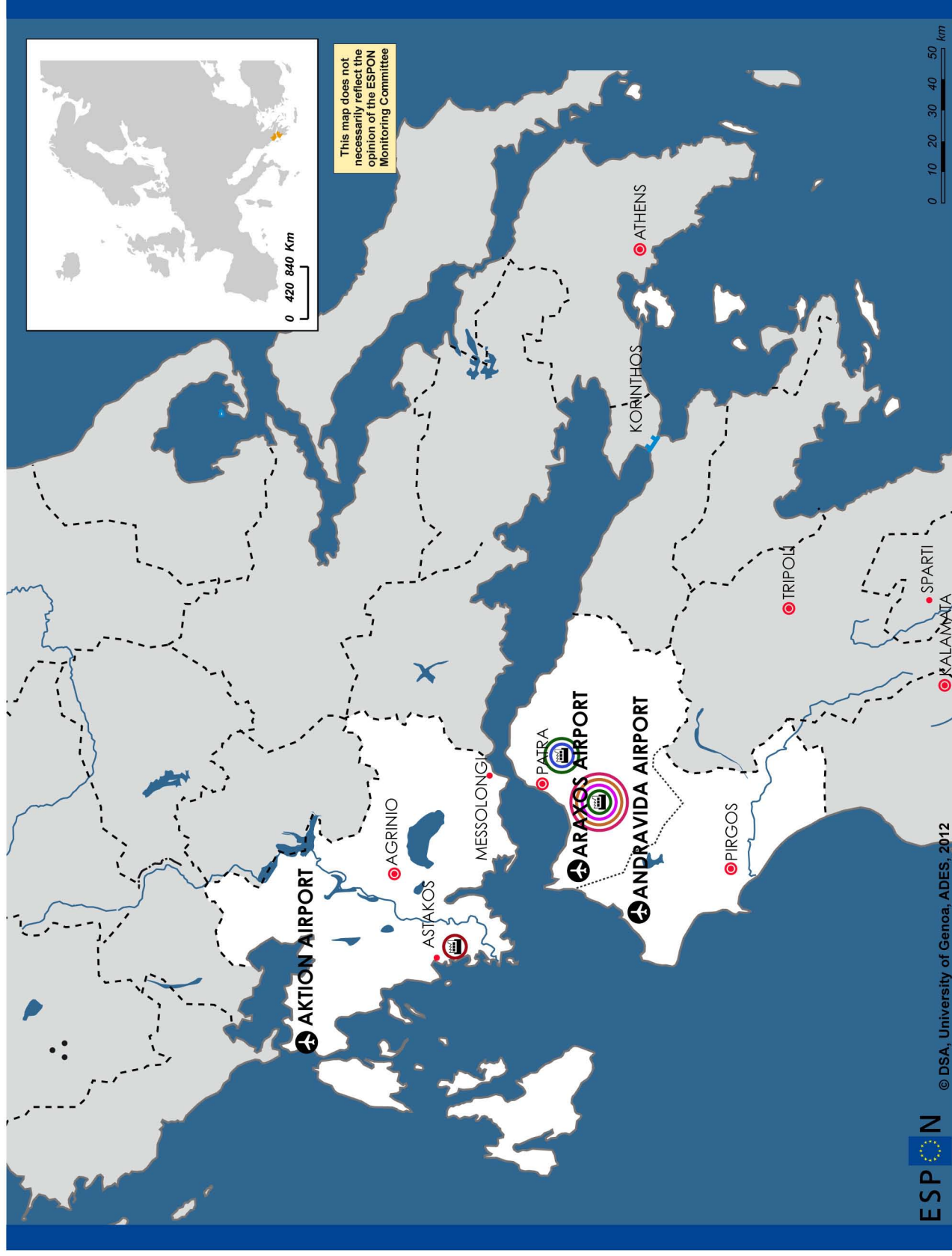
Tourism Natural park



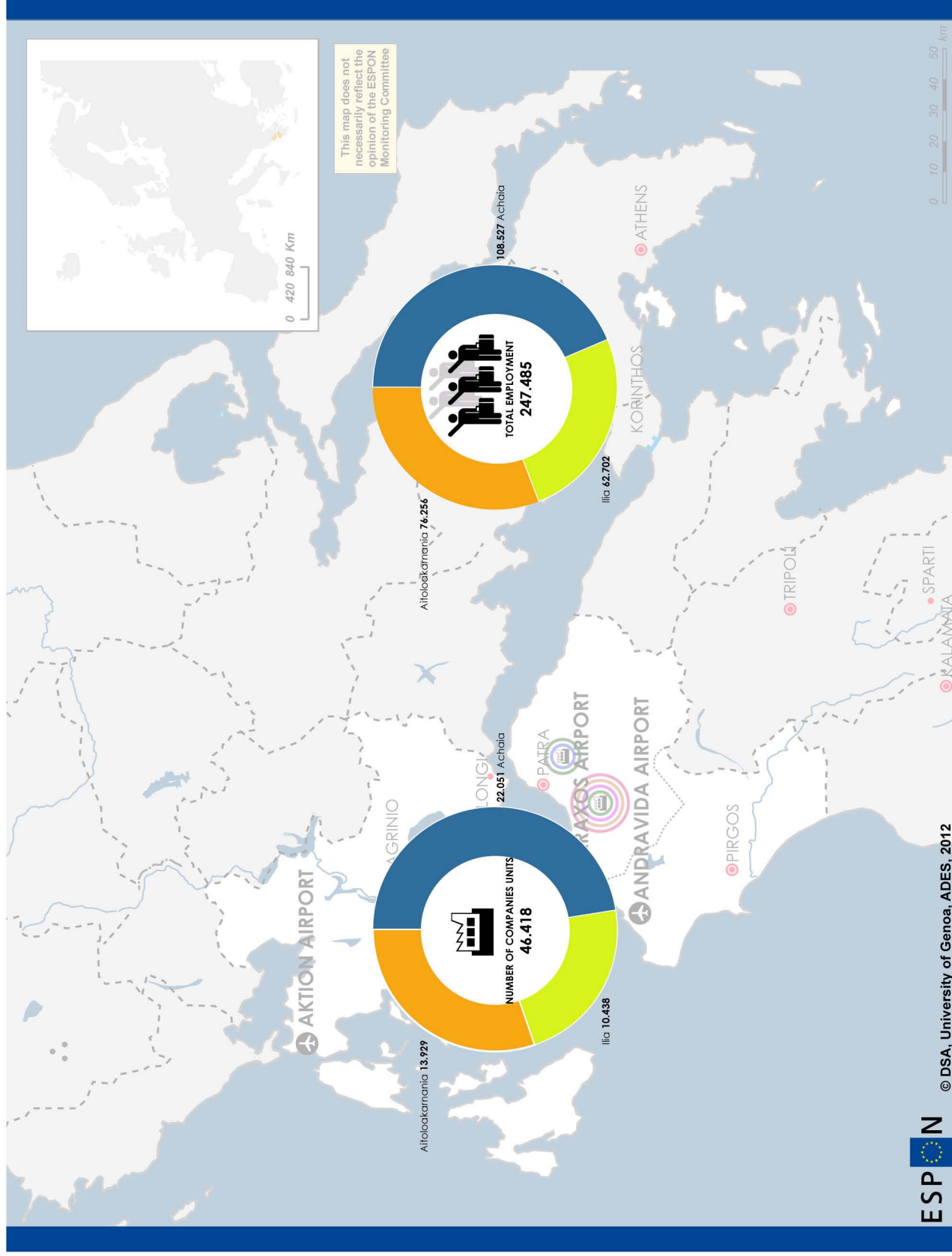
Tourism Cultural heritage



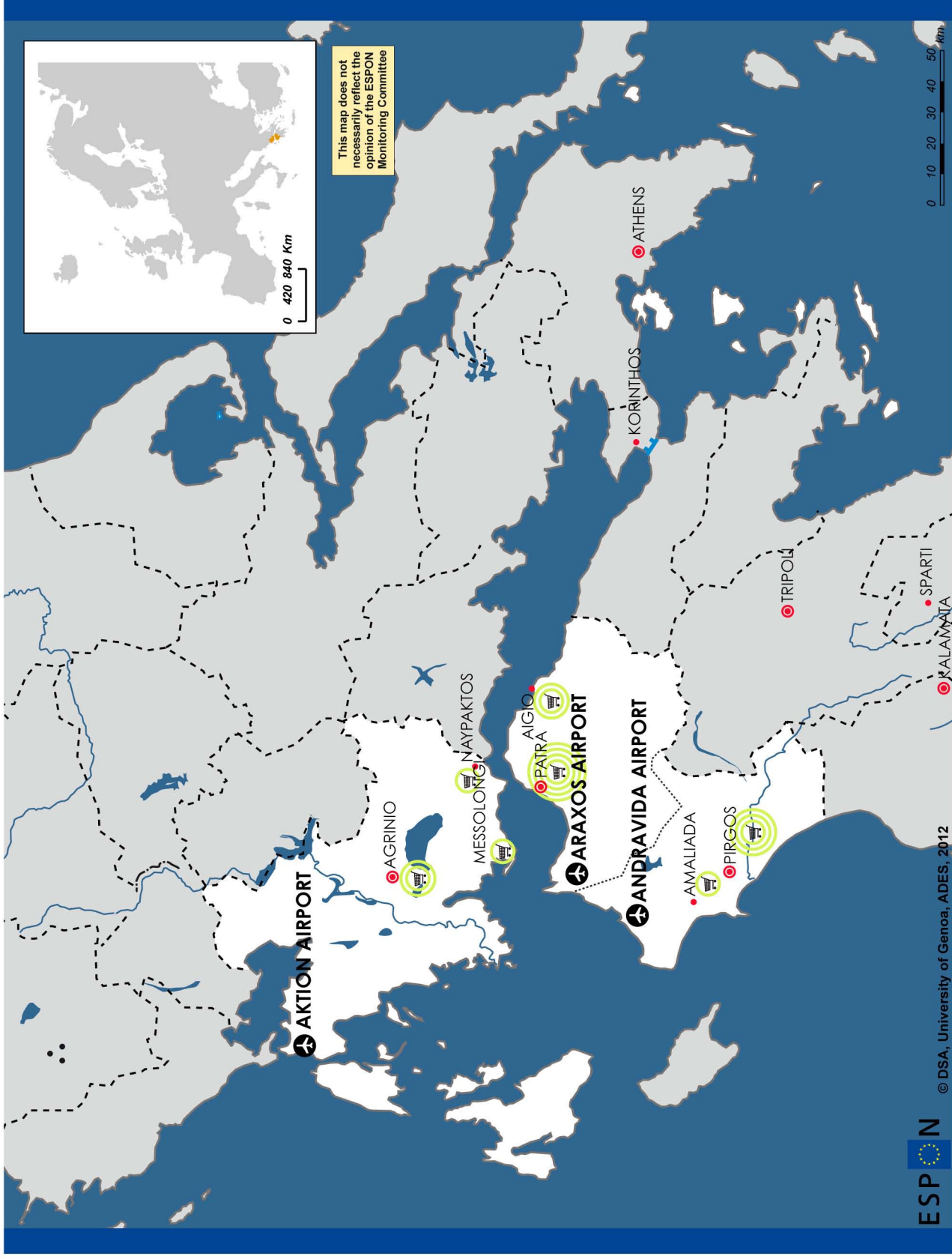
Industry & Commerce Industrial districts



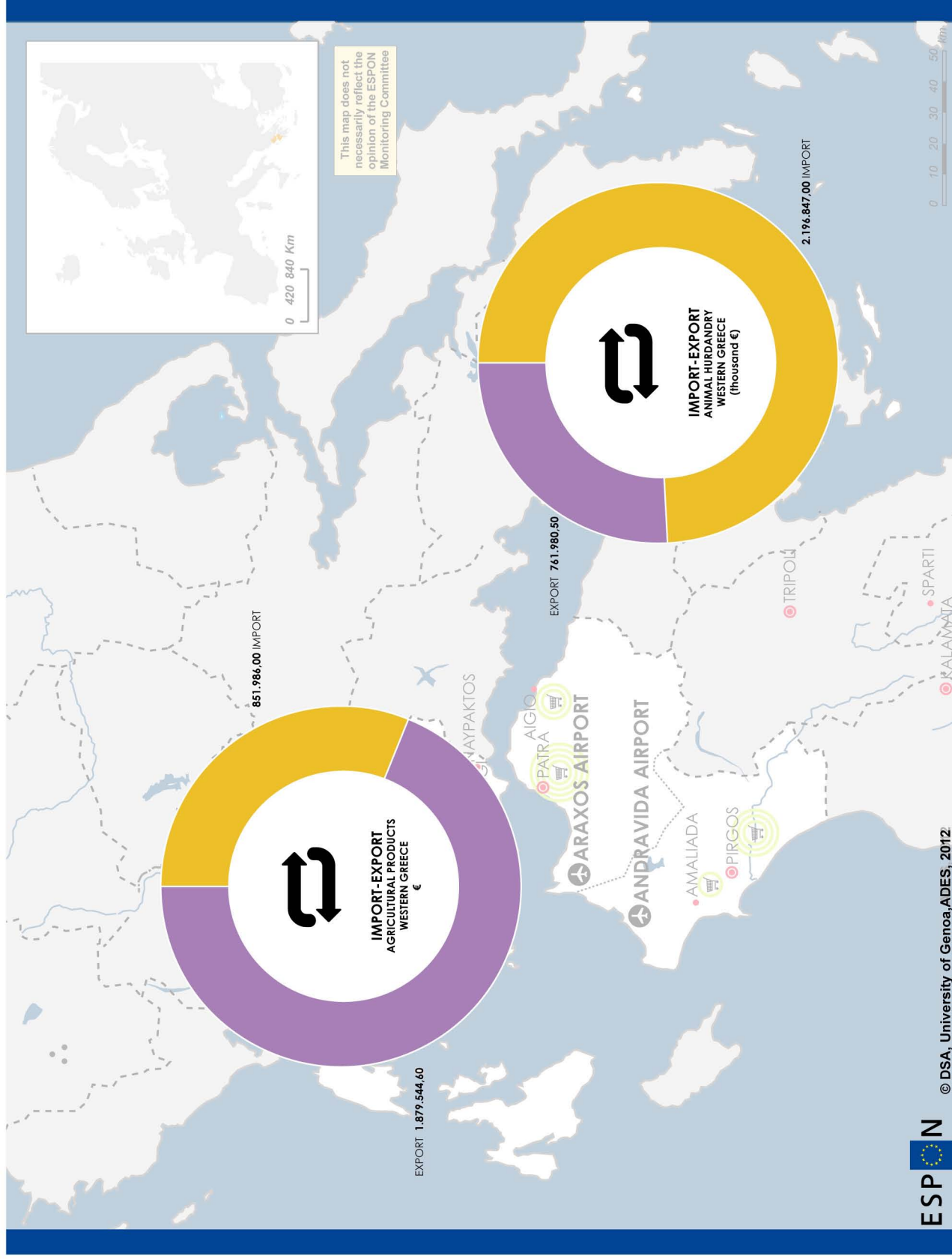
Industry & Commerce Industrial districts Companies & Employees



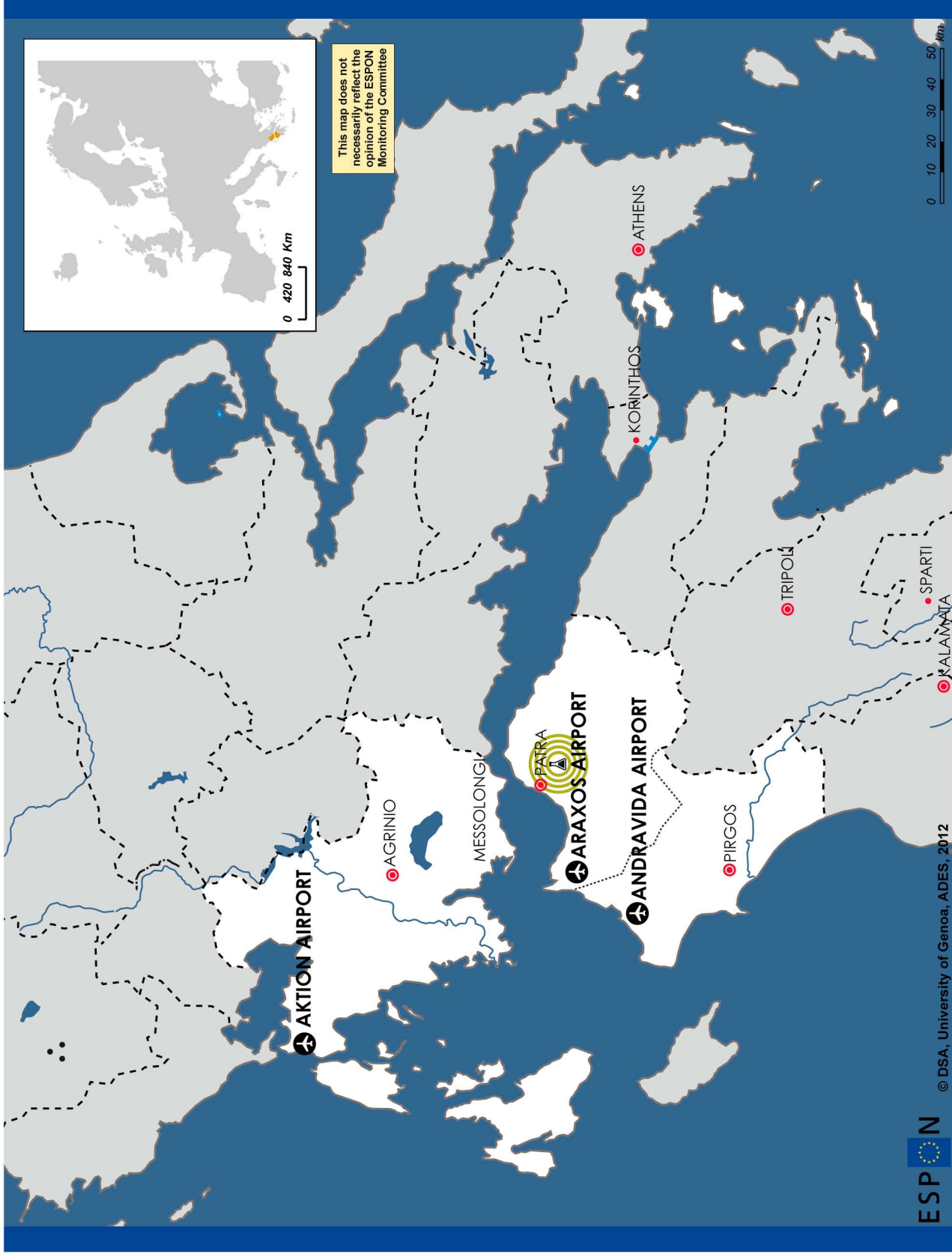
Industry & Commerce Shopping Malls



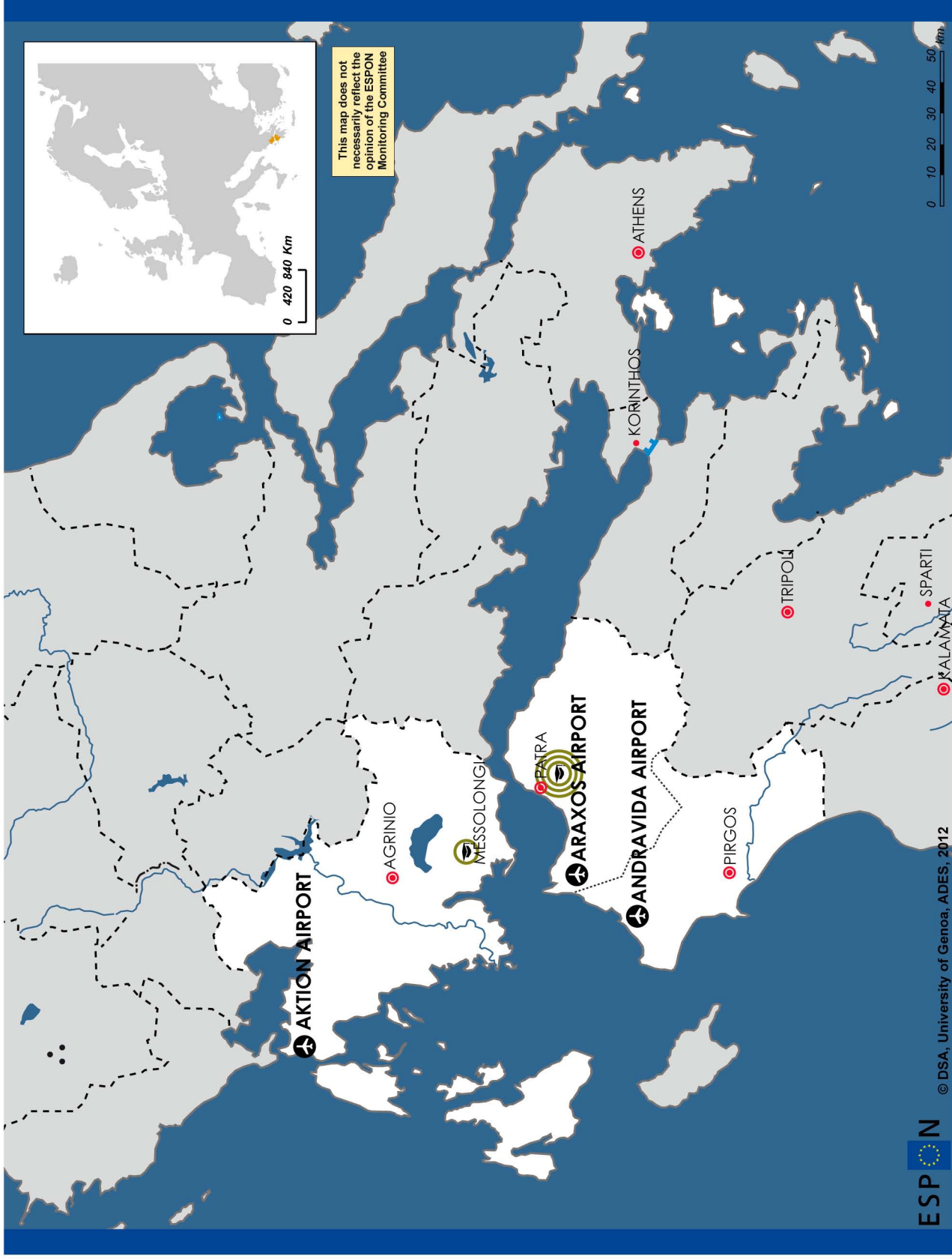
Industry & Commerce Imports Export



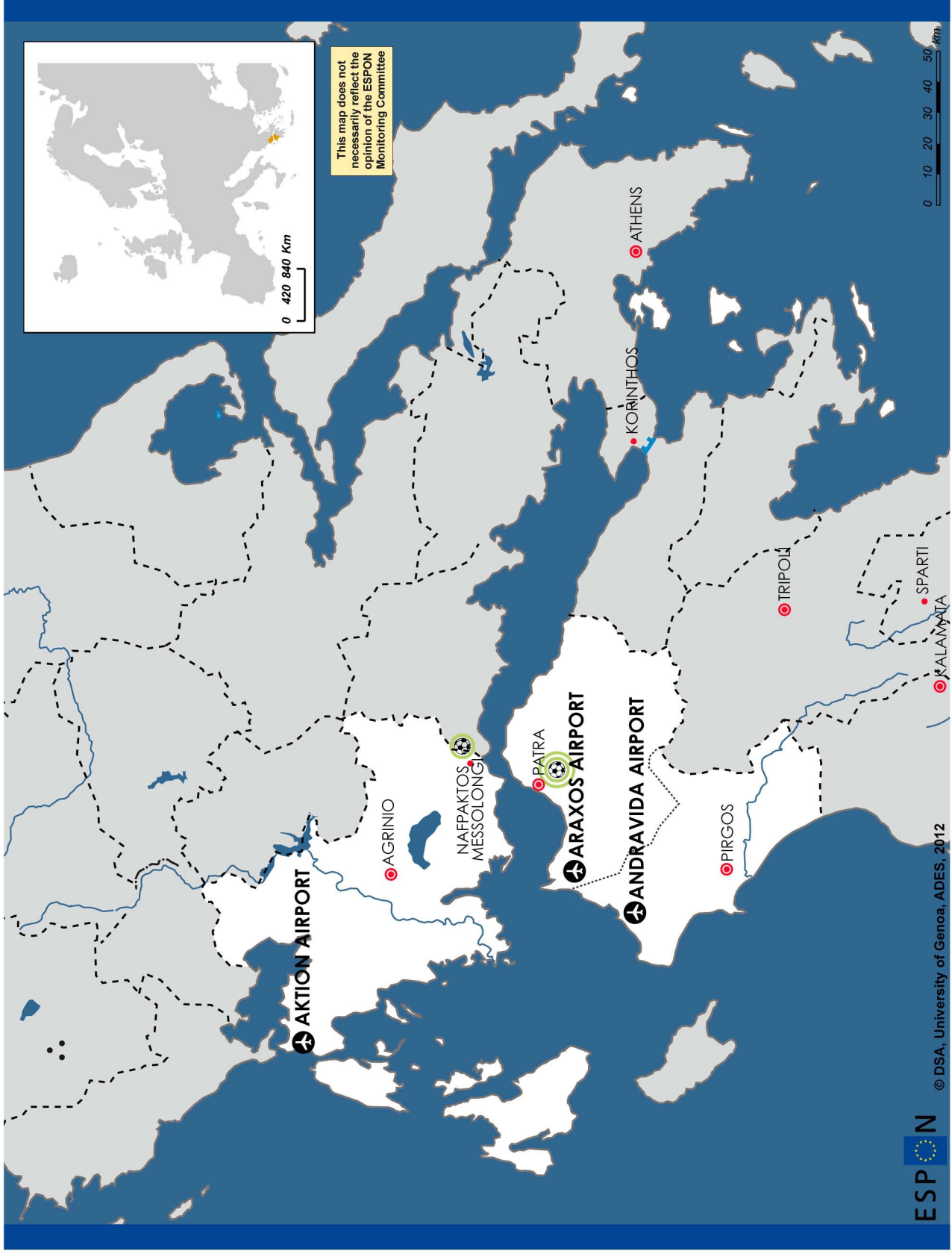
Education & Research Research Institutions



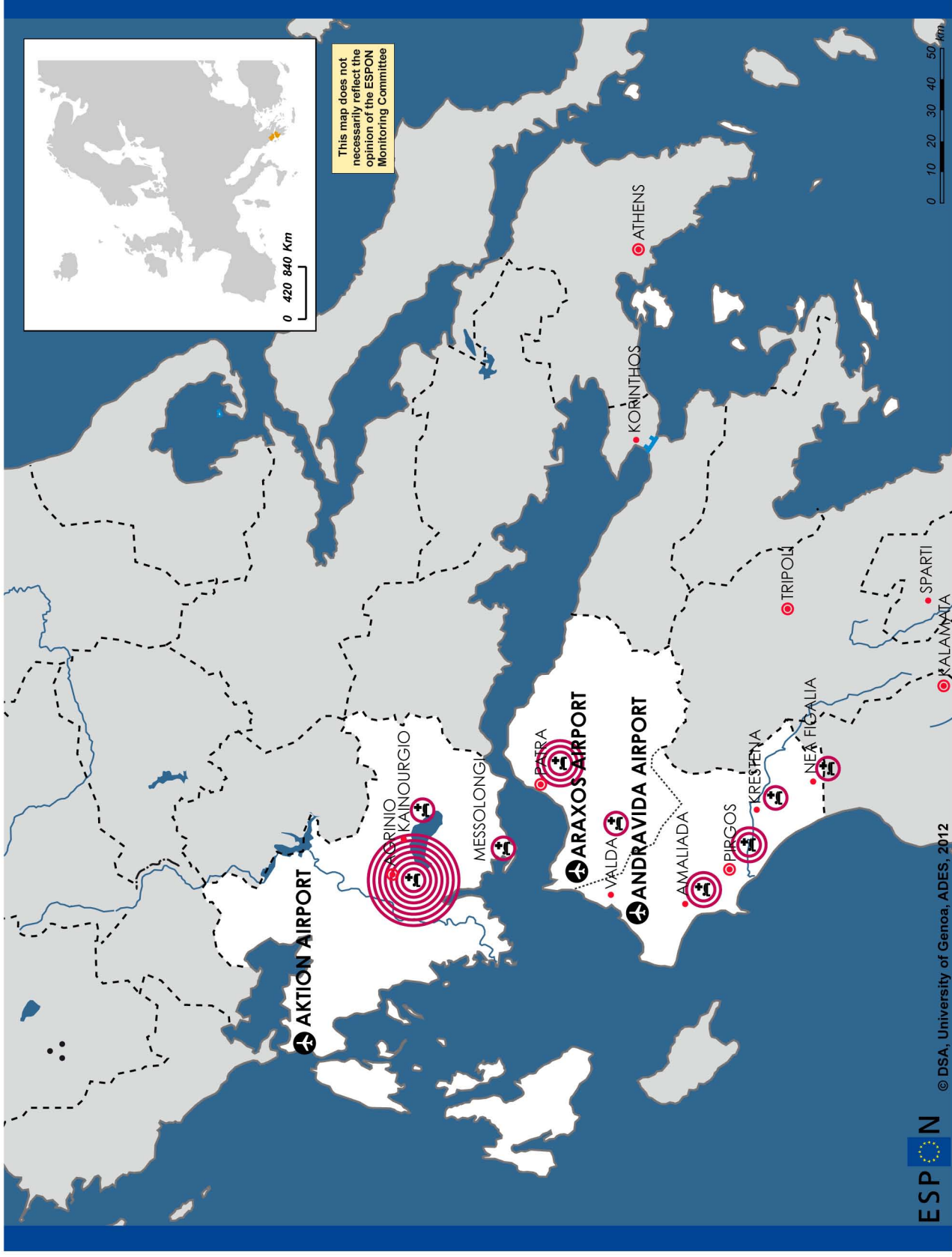
Education & Research - Universities



Public services_⚽_Sport Complex

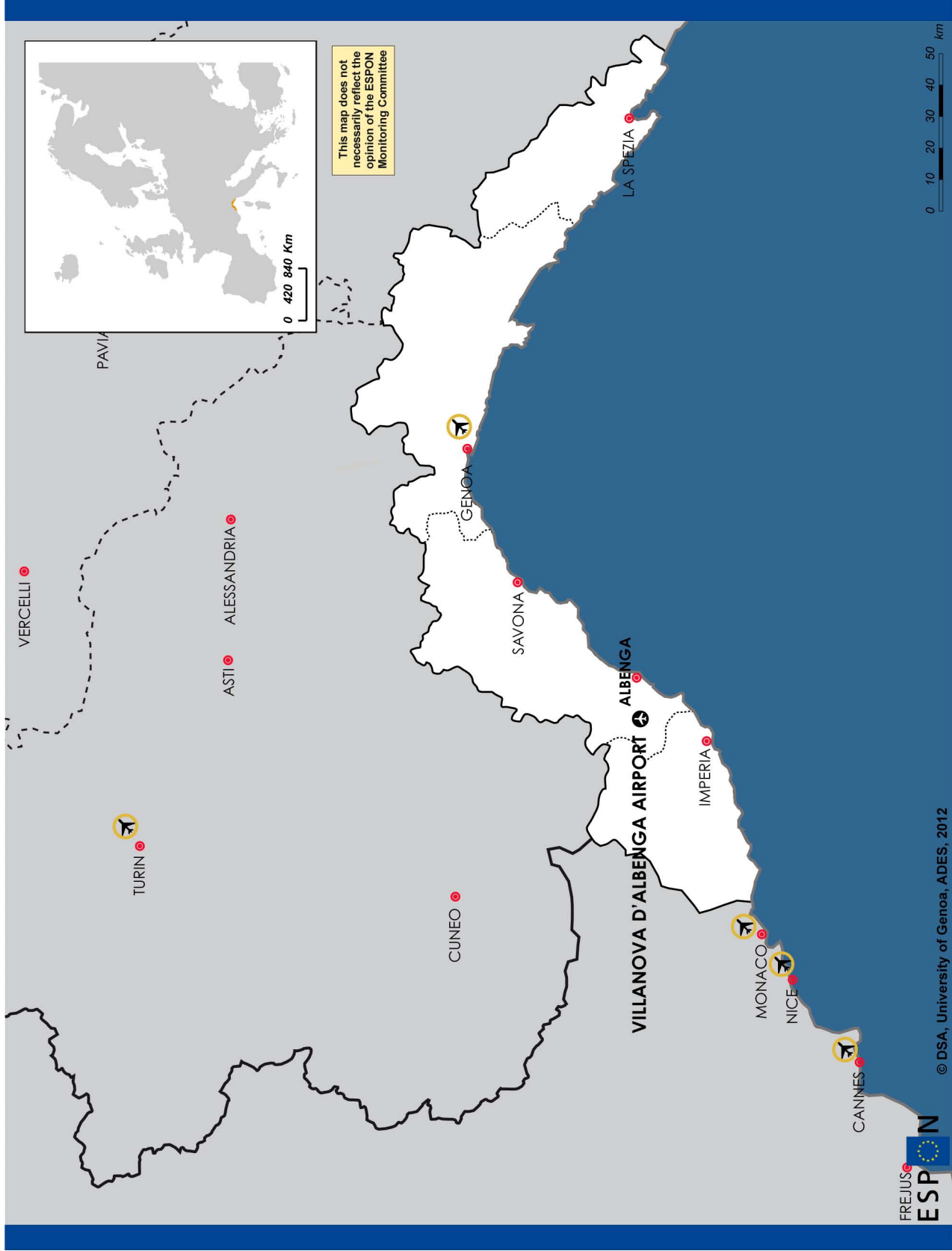


Public services Hospitals



Descriptive Maps
PROVINCE OF SAVONA

Infrastructure Airports



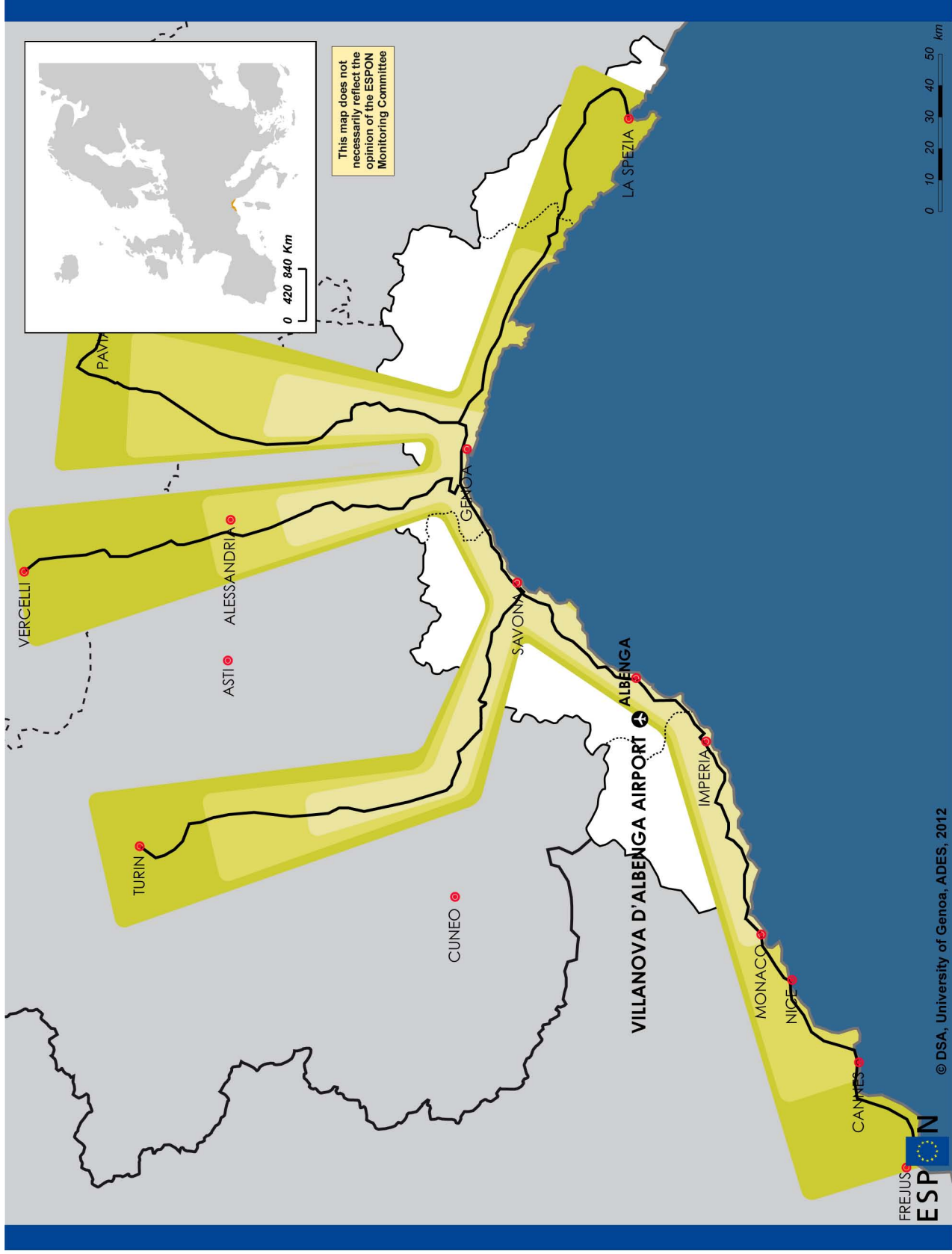
Legend  Airfields

FREJUS   © DSA, University of Genoa, ADES, 2012

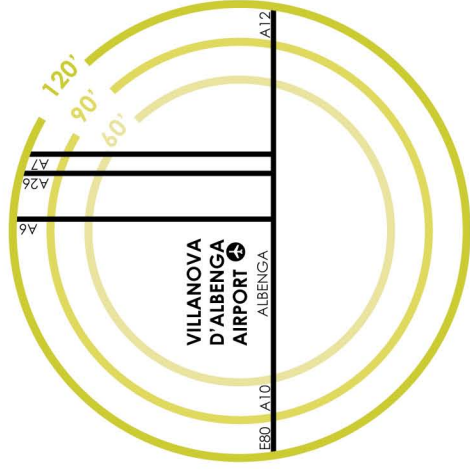
EUROPEAN UNION
Part-financed by the European Regional Development Fund
INVESTING IN YOUR FUTURE

Regional level: NUTS 3
Source: University of Genoa (DSA), 2011
Origin of data: www.regionaljuria.it
© EuroGeographics Association for administrative boundaries

Infrastructure_Highways



Diagram

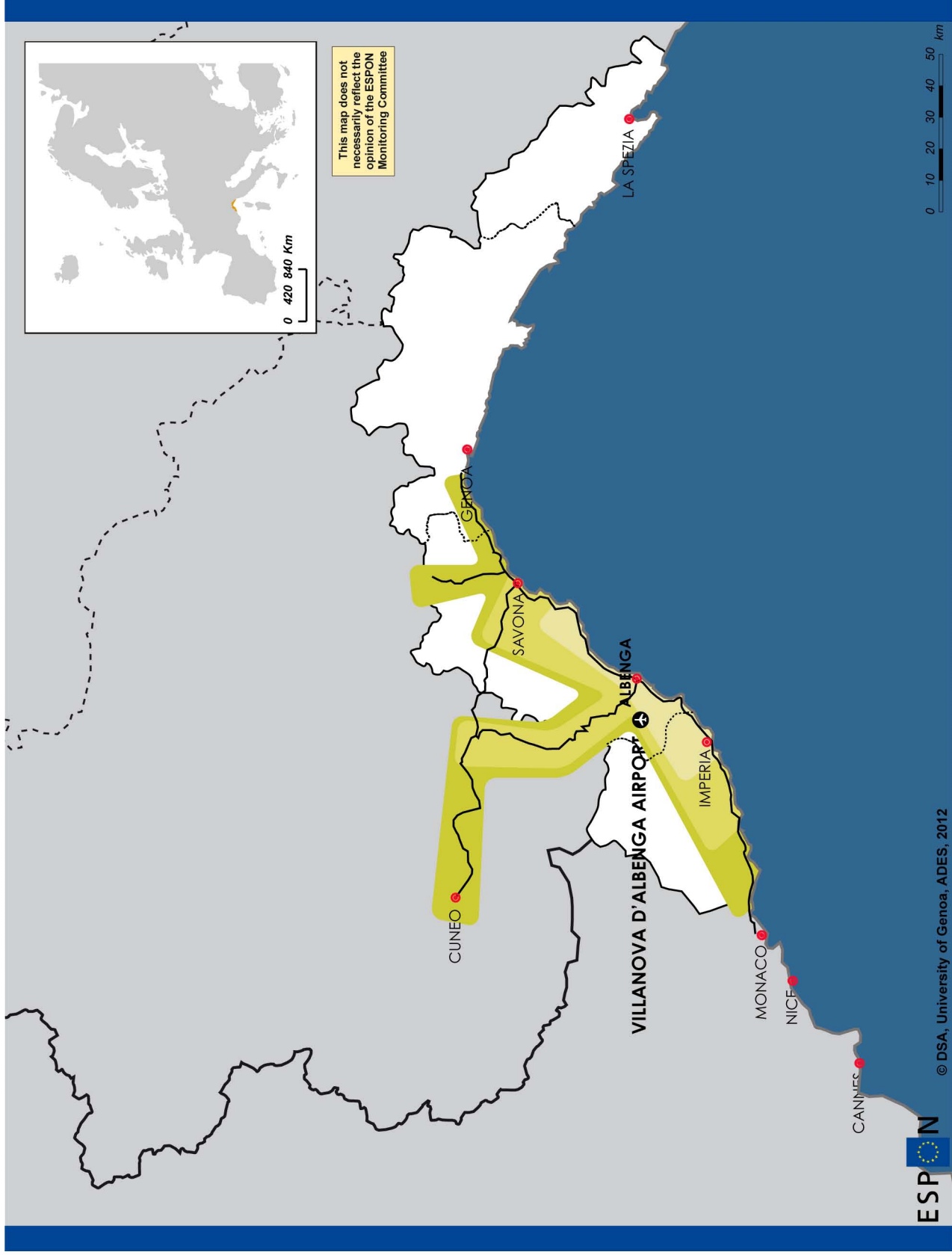


Legend

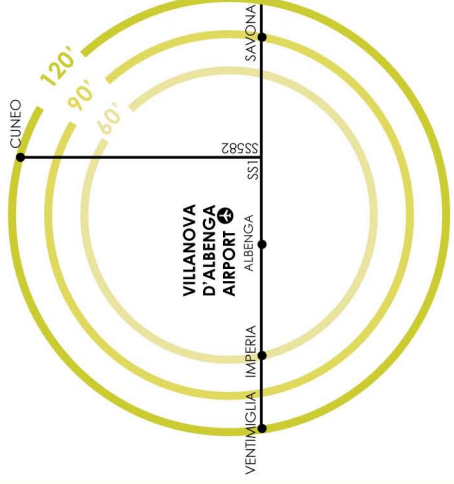
- Existing highways
- 60-90-120 minutes

This map does not necessarily reflect the opinion of the ESPON Monitoring Committee

Infrastructure a Secondary roads



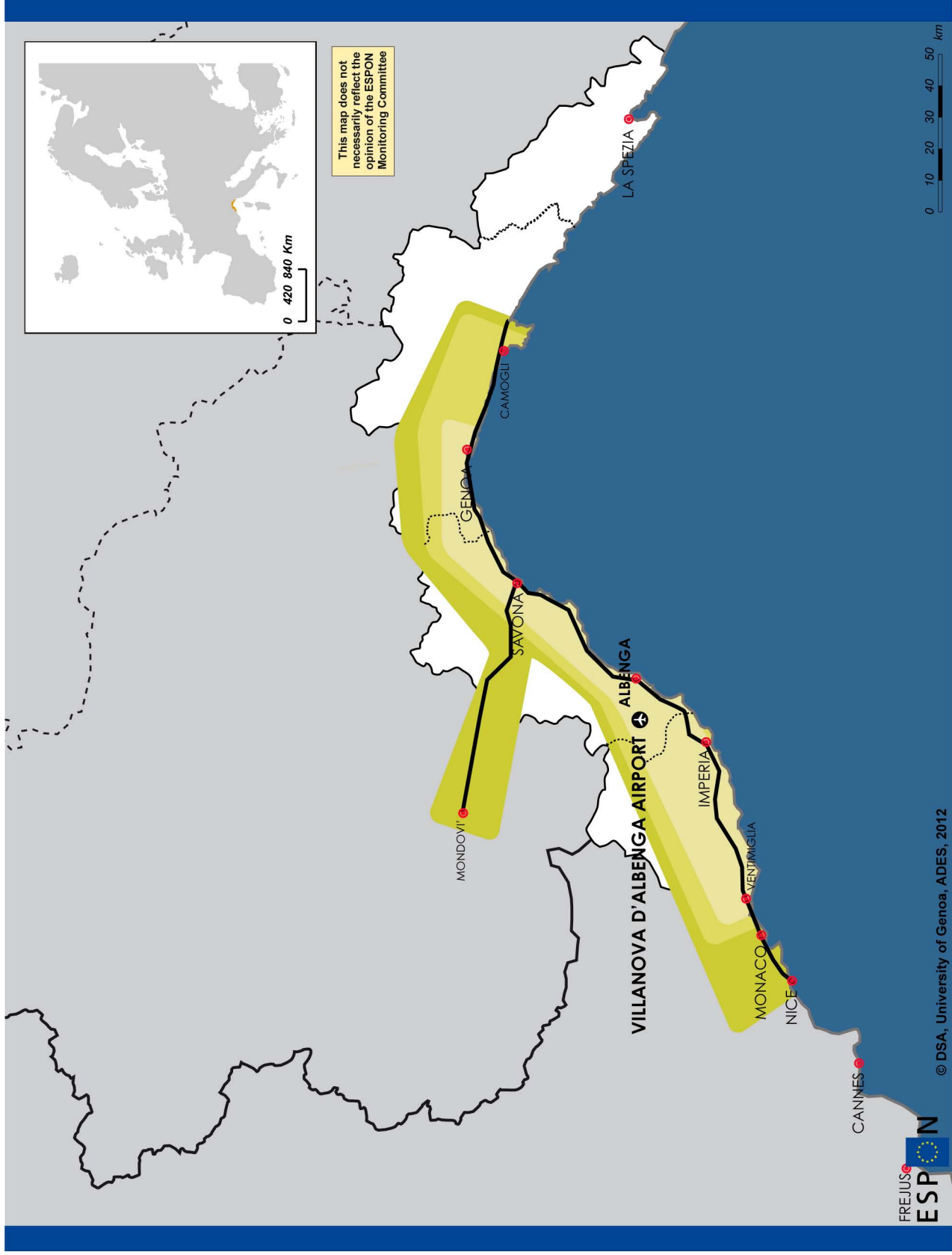
Diagram



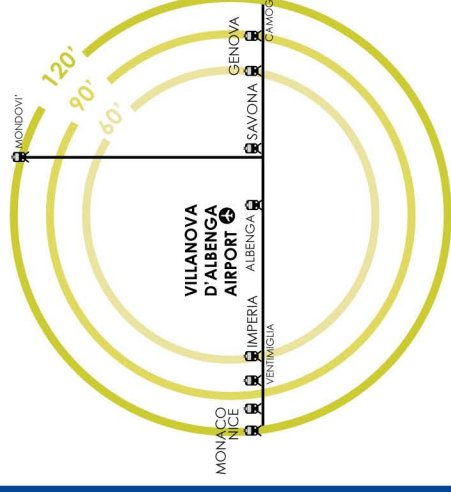
Legend

- Existing road
- 60-90-120 minutes

Infrastructure_Intercity trains



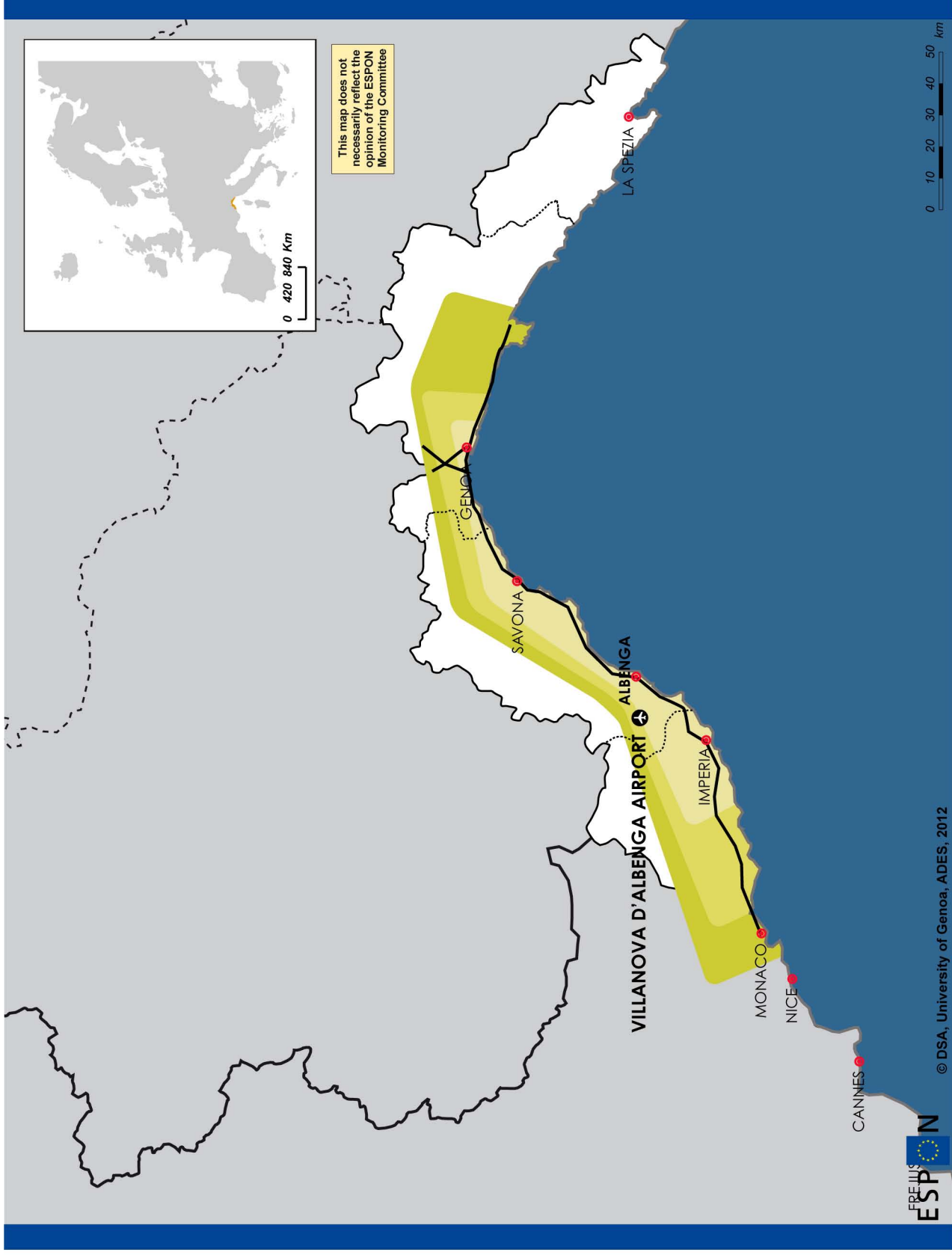
Diagram



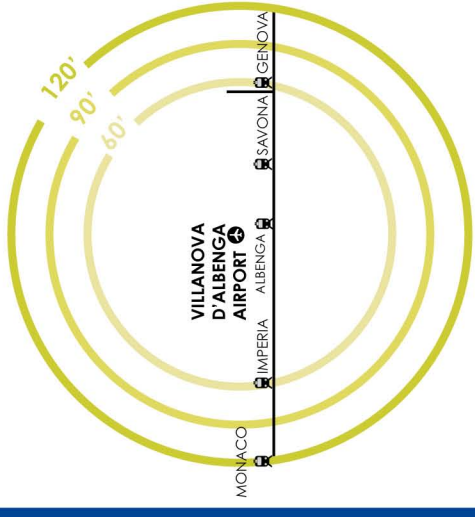
Legend

- Existing railway
- 60-90-120 minutes

Infrastructure_Regional trains



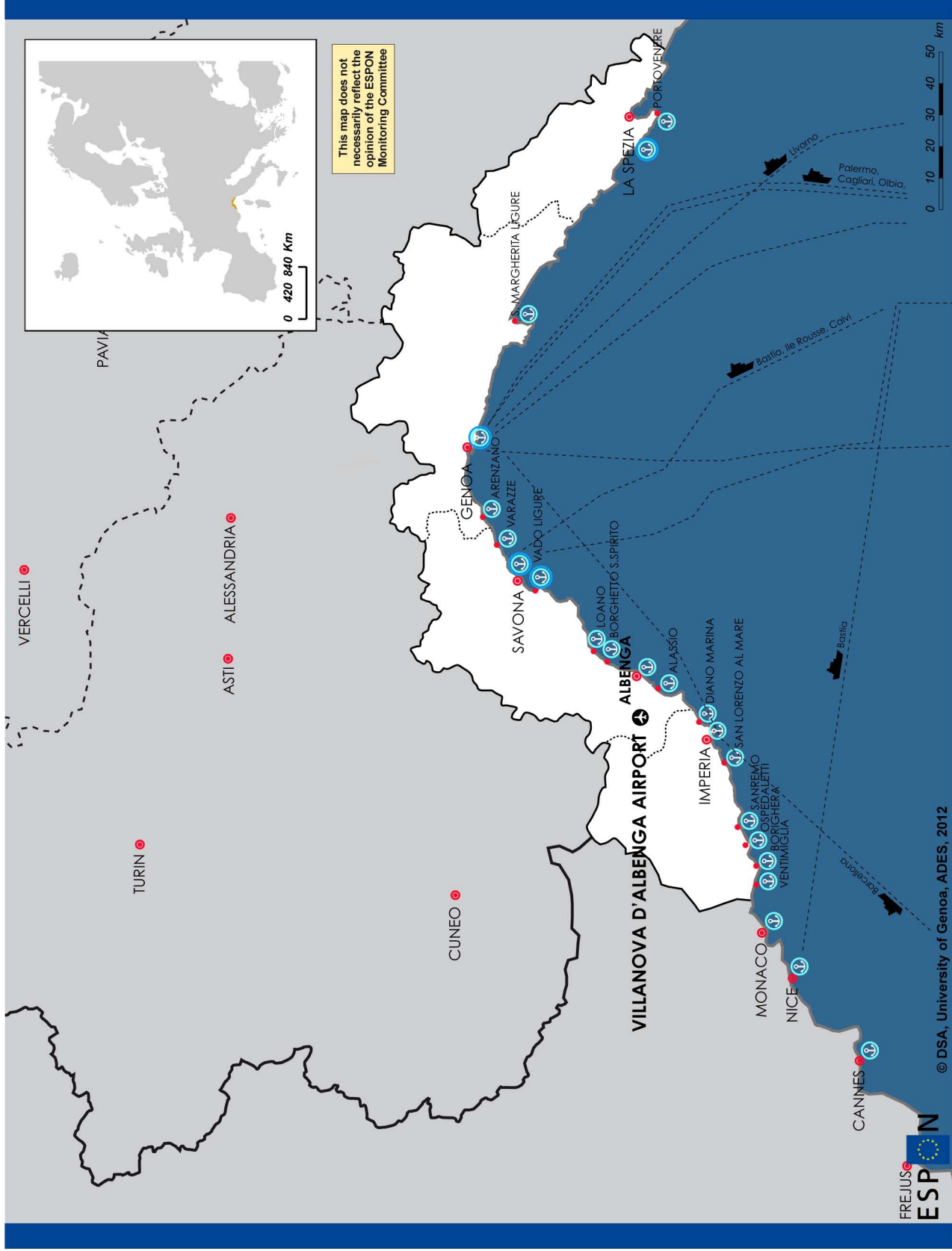
Diagram



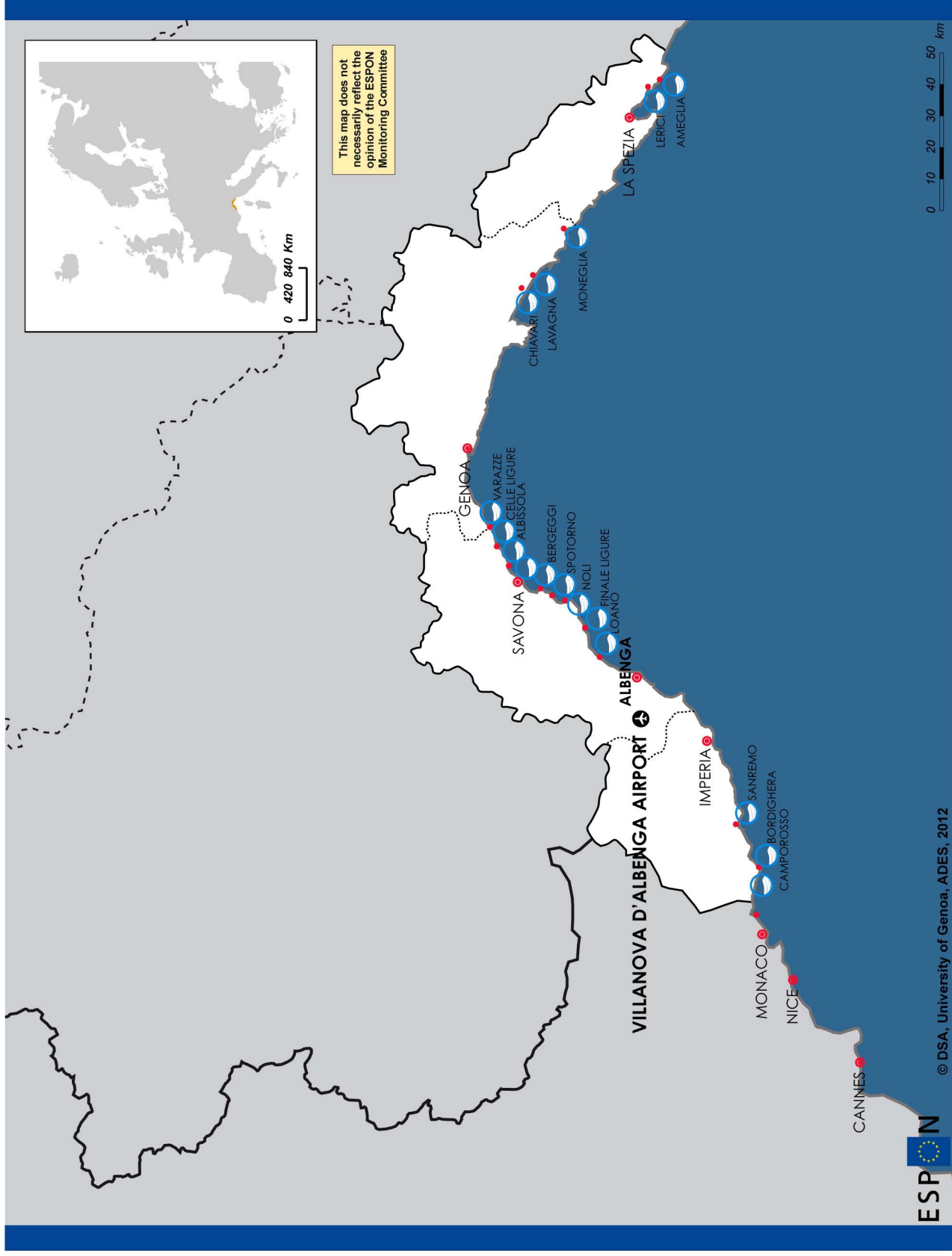
Legend

- Existing railway
- 60-90-120 minutes

Infrastructure Harbours

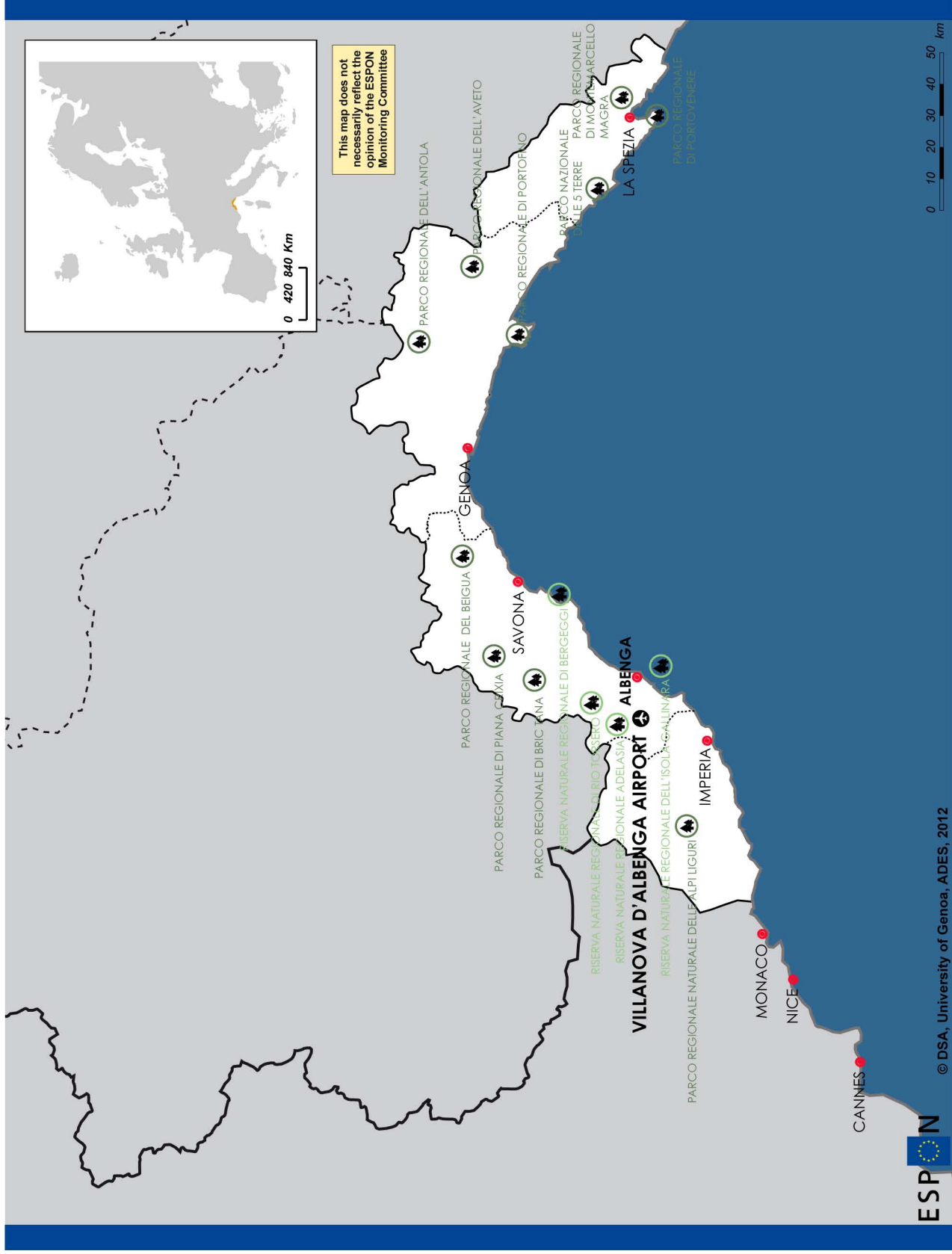


Tourism Beaches and Blue flags



Legend  Beaches with blue flag

Tourism Natural park and reserve



Legend

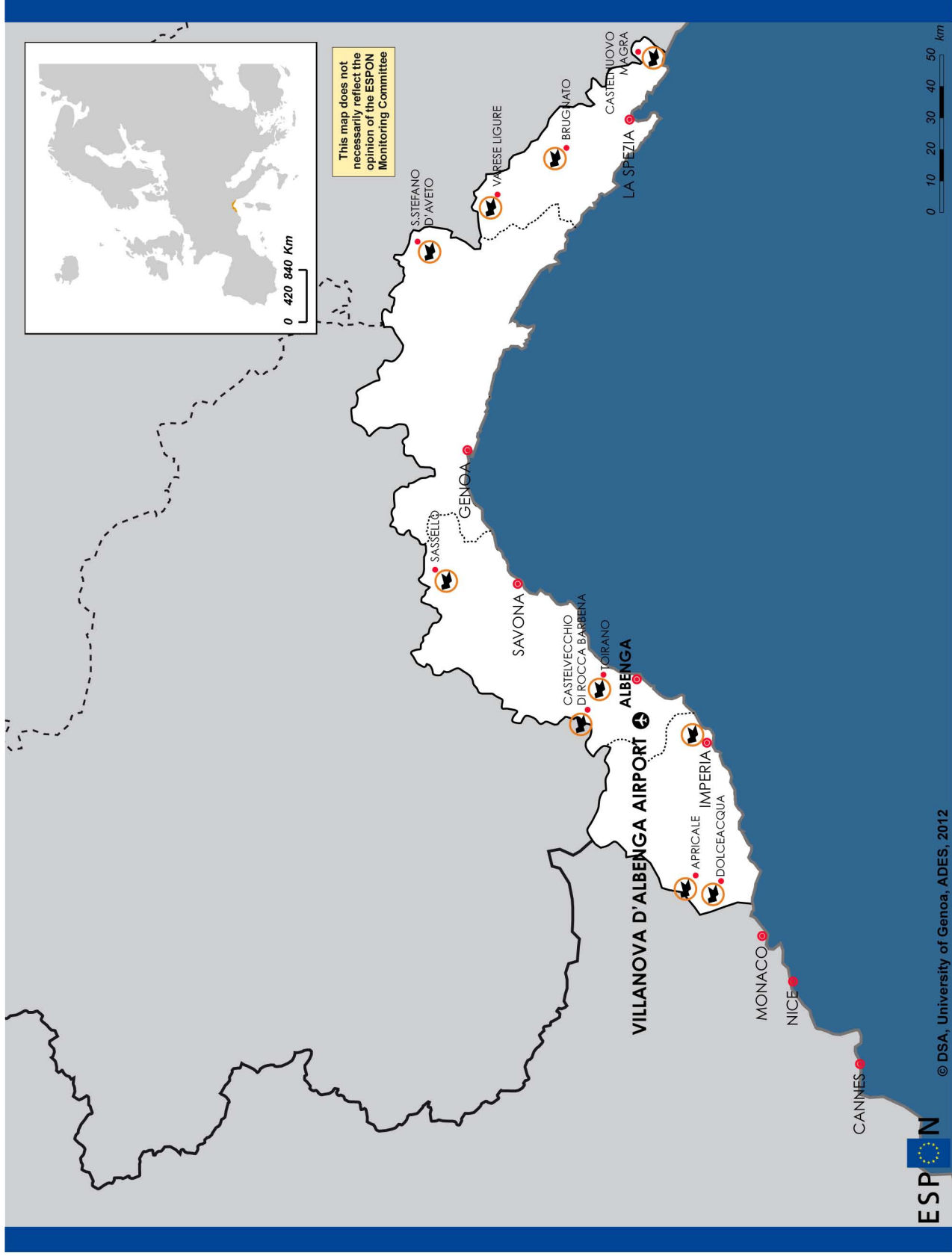


Natural Parks

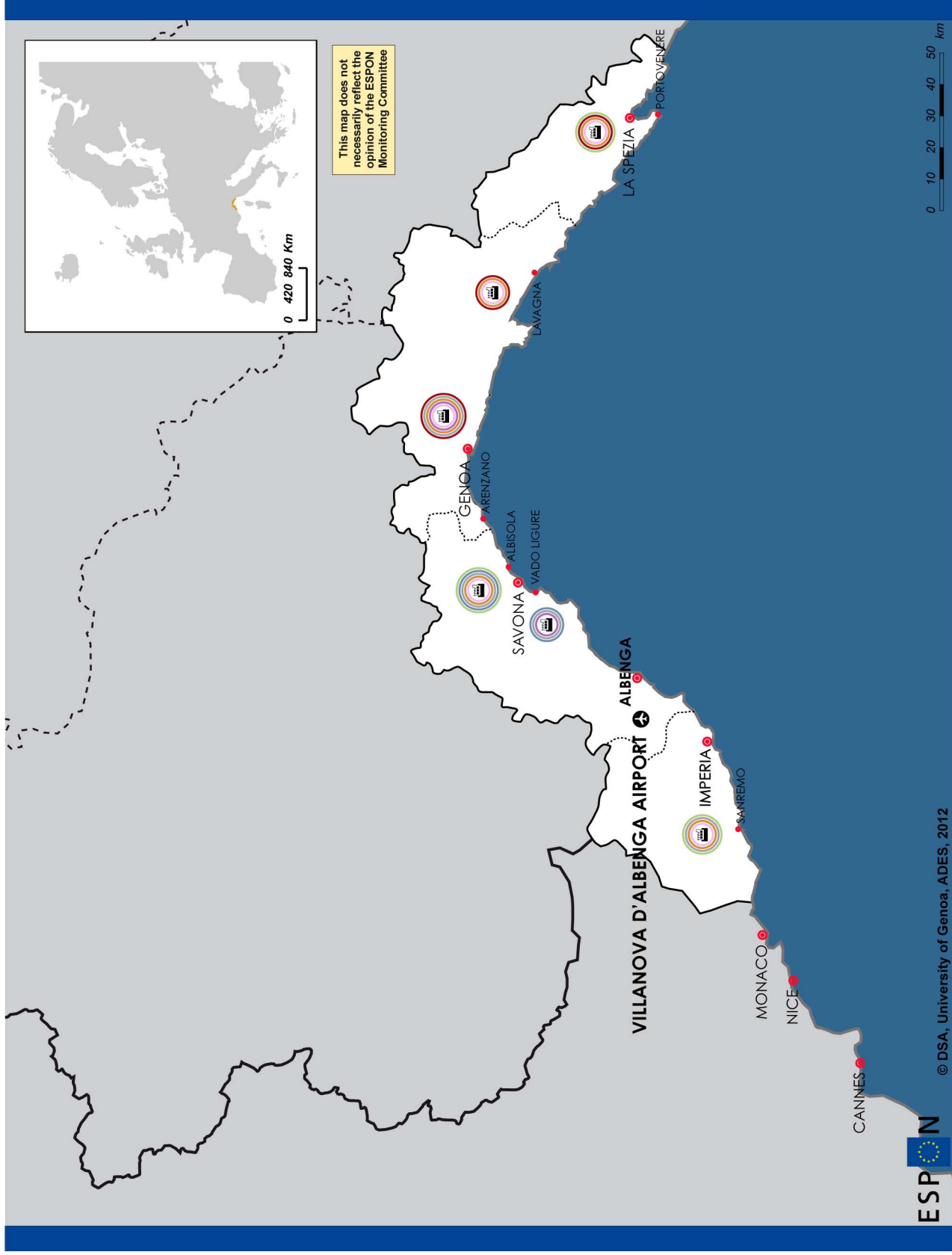


Natural Reserves

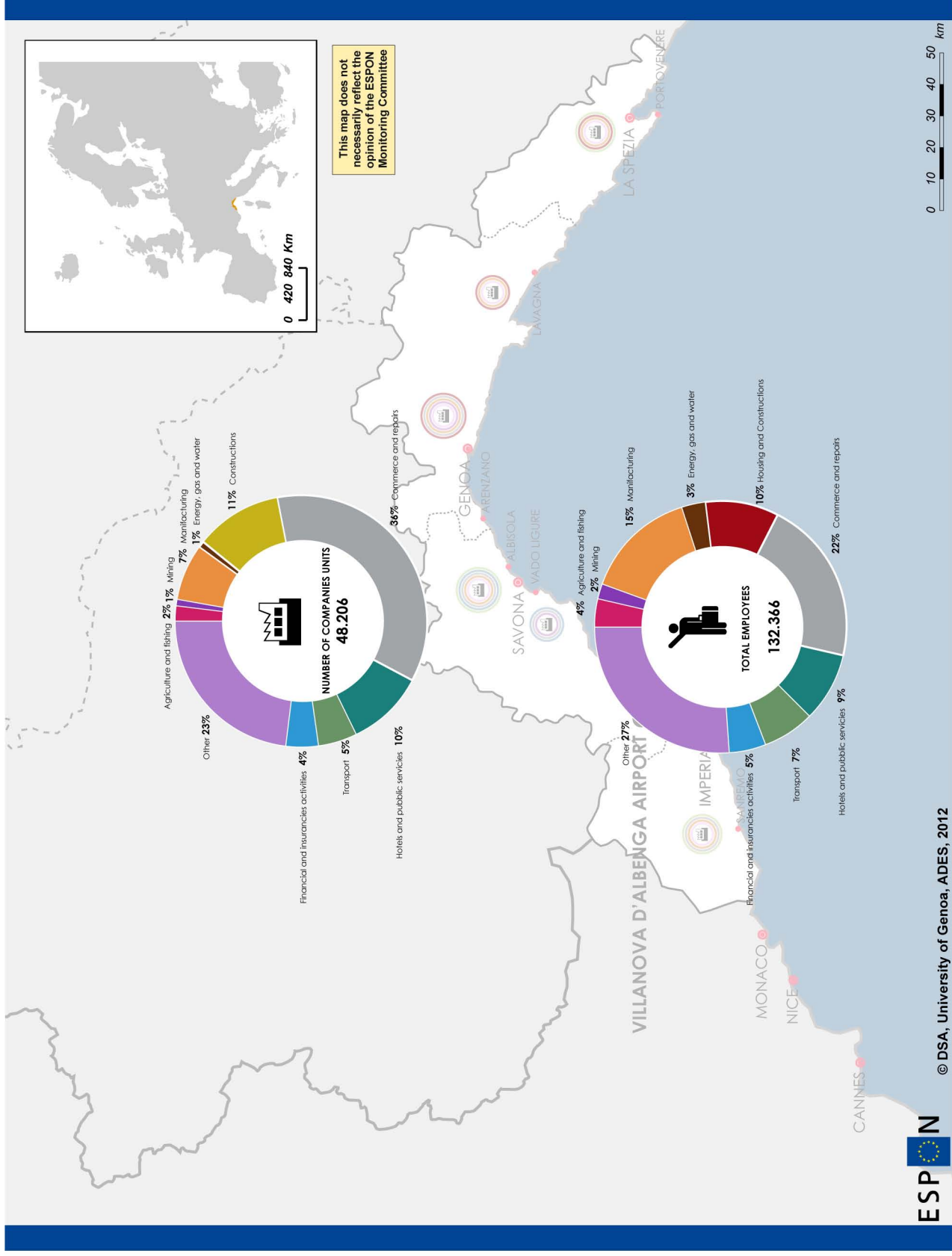
Tourism_Orange flags



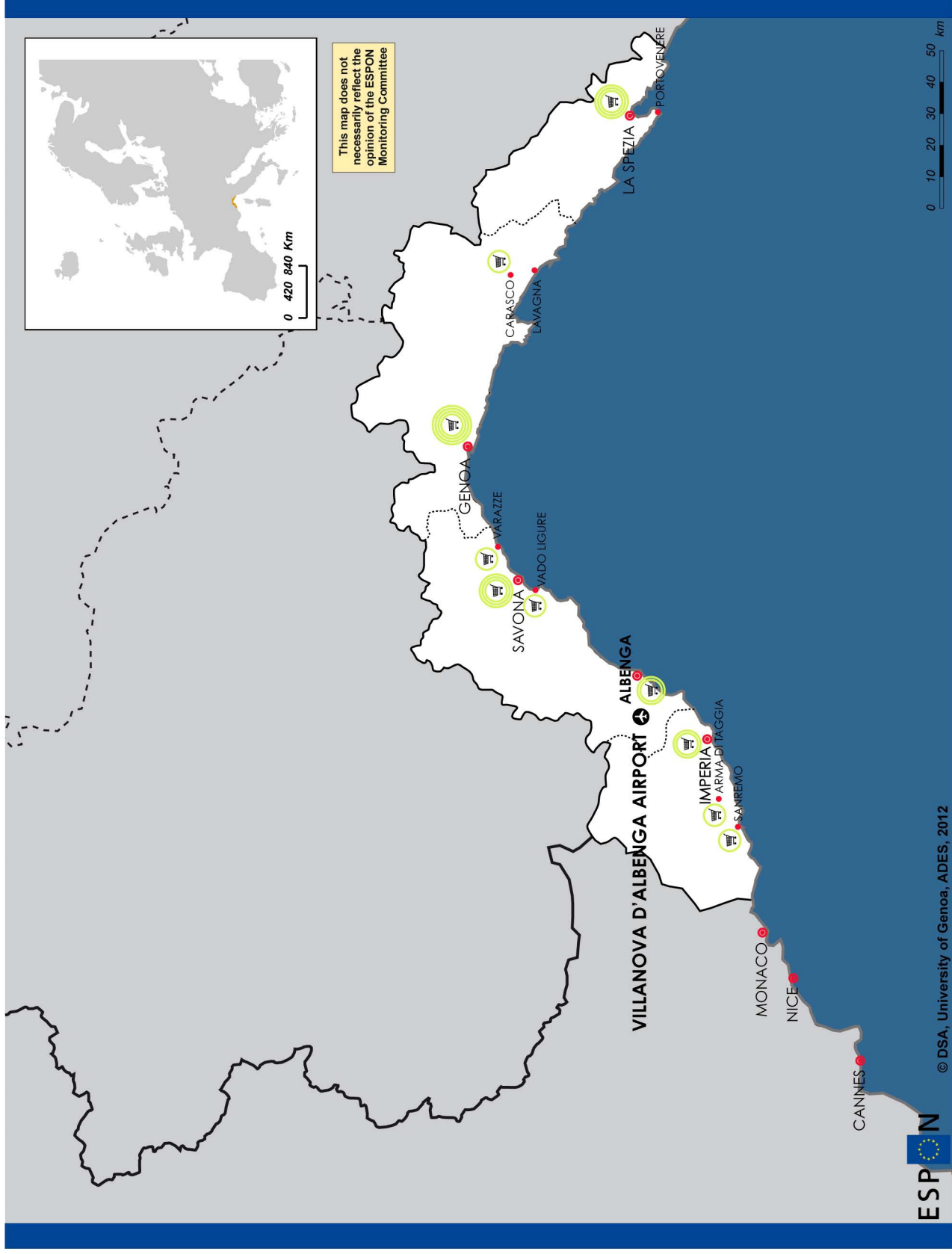
Industry & Commerce Industrial districts



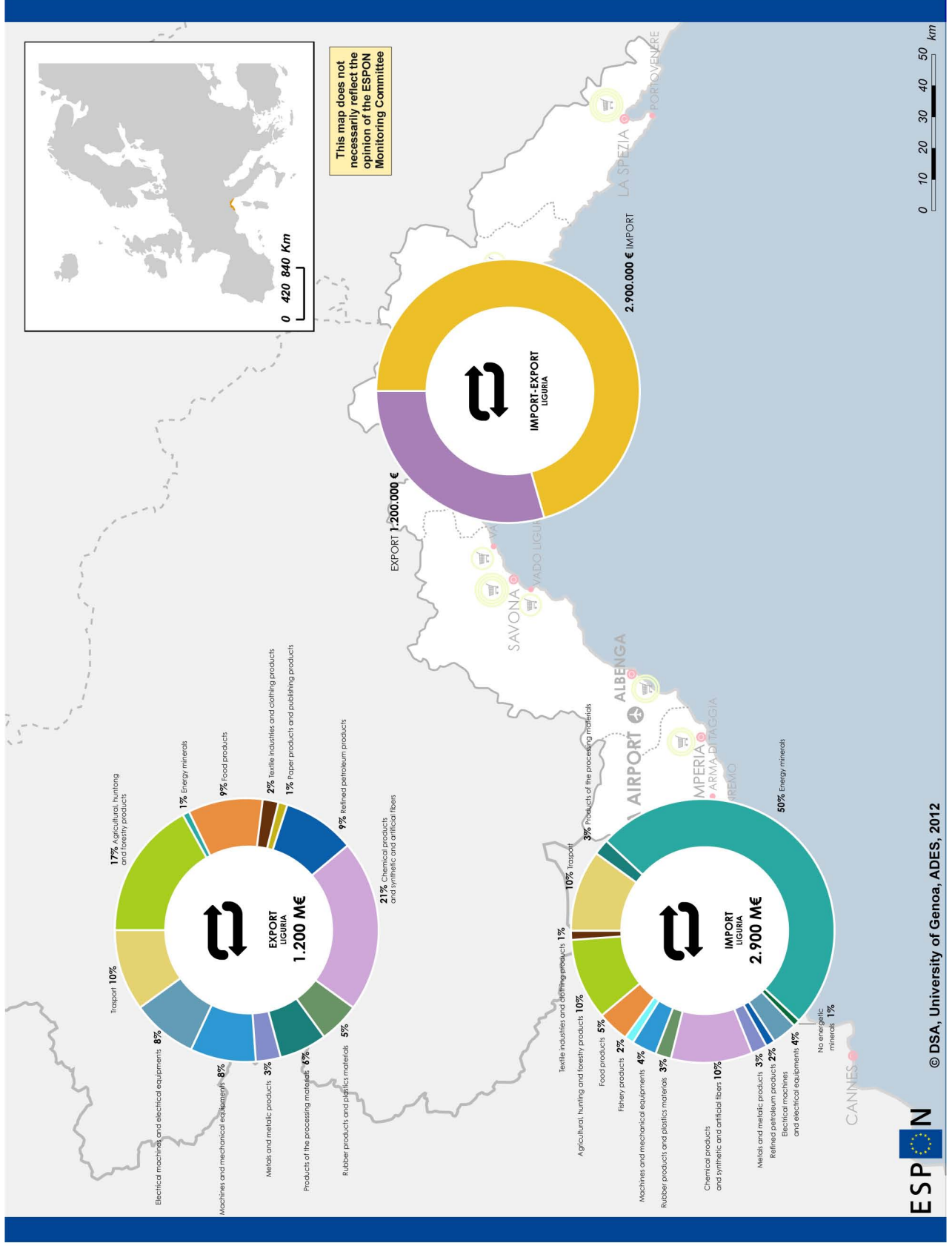
Industry & Commerce Industrial districts Companies & Employees



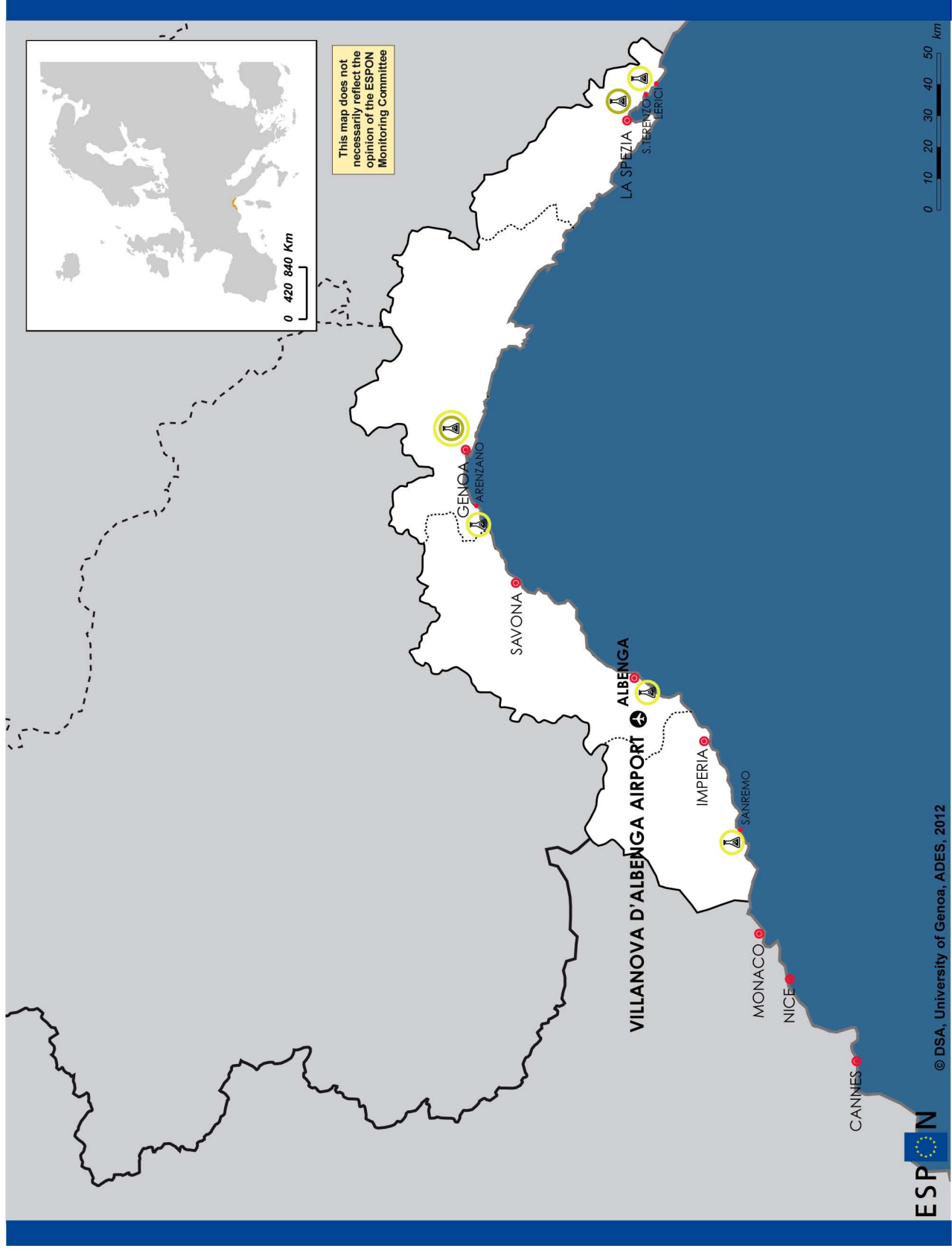
Industry & Commerce Shopping mall



Industry & Commerce Import & Export




Education & Research Research Institutes



Legend

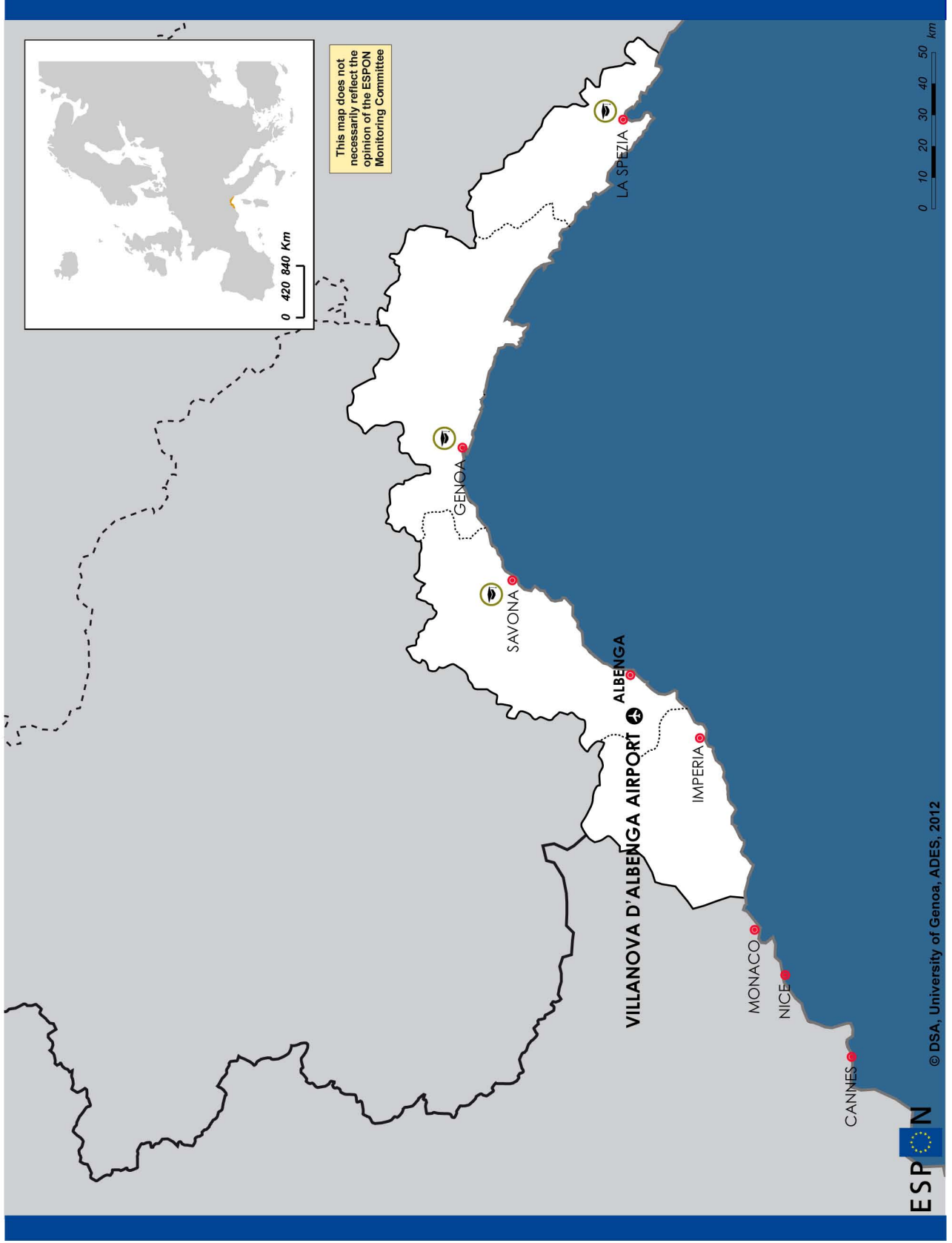
 Academic Research Institutes

 Not Academic Research Institutes

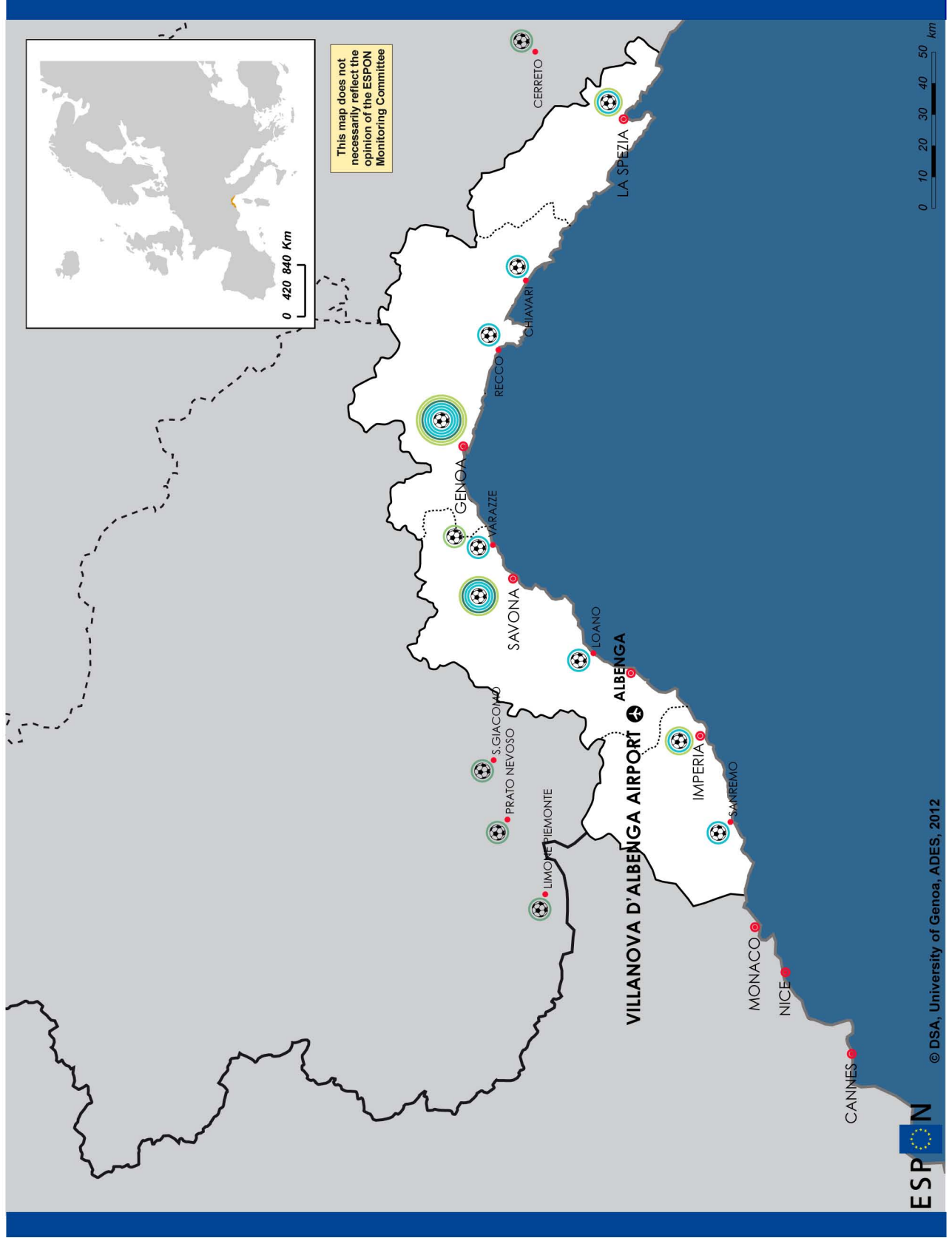
Regional level: NUTS 3
 Source: University of Genoa (DSA), 2012
 Origin of data: www.regioneliguria.it, www.unige.it
 © EuroGeographics Association for administrative boundaries

 EUROPEAN UNION
 Part-financed by the European Regional Development Fund
 INVESTING IN YOUR FUTURE

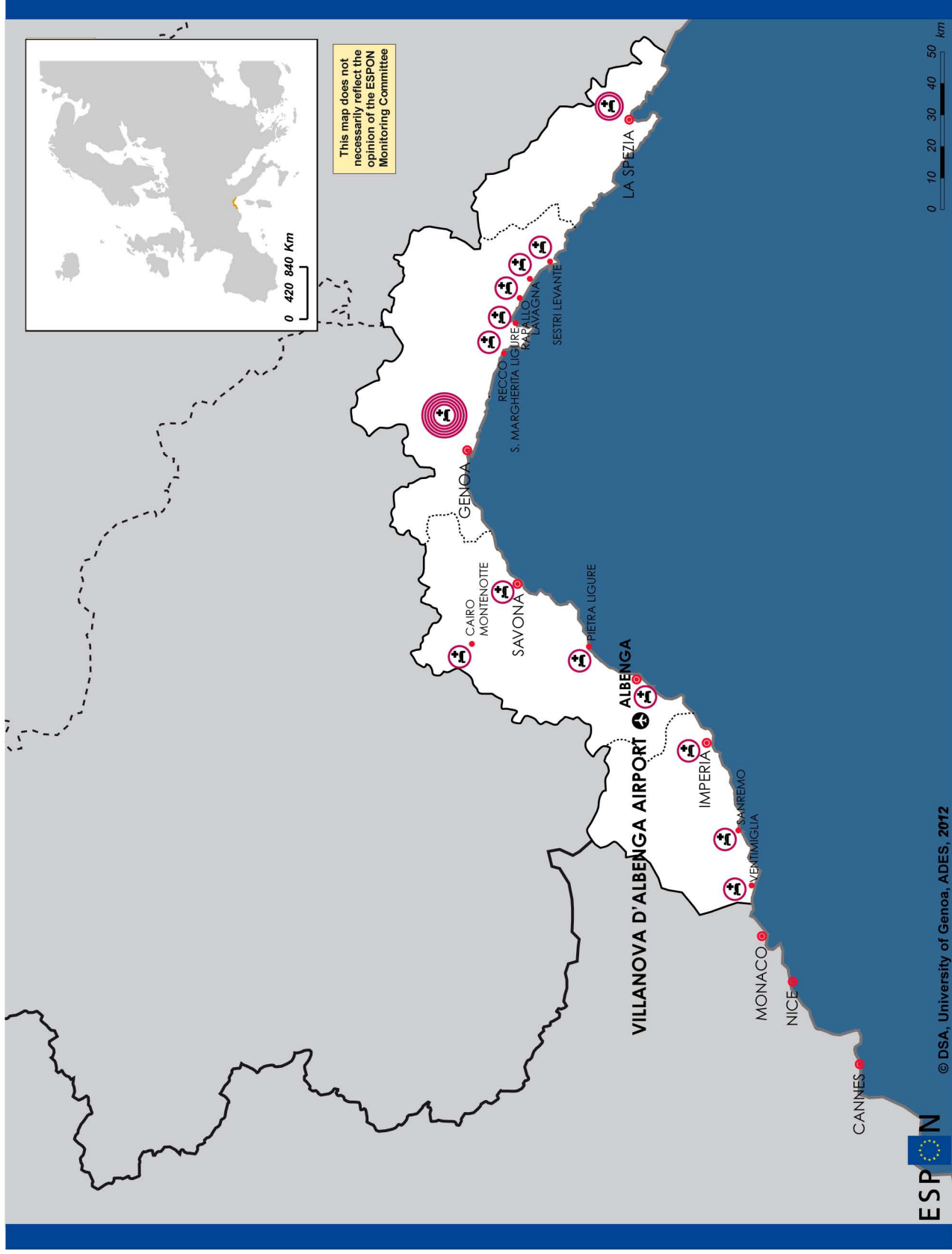
Education & Research Universities



Public Services_Sport Complex

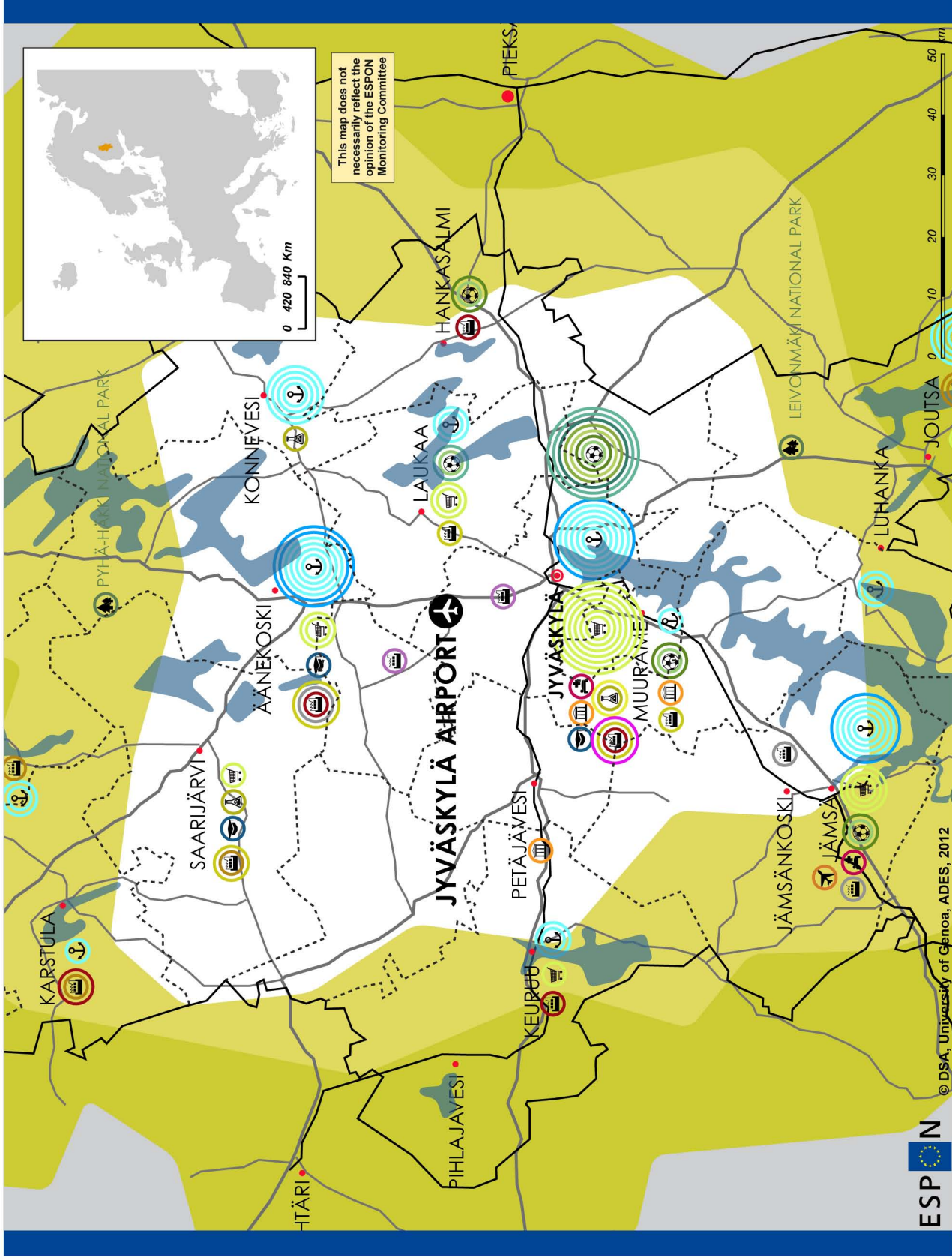


Public Services_ Hospital



Comprehensive Maps
CENTRAL FINLAND
REGION OF WESTERN GREECE
PROVINCE OF SAVONA

Comprehensive Map



Infrastructures

- Inland ports Turistic harbours
- Ades airport Small airport
- Airfields
- trains — existent highways
- secondary roads

Industry&Commerce

- Shopping malls
- logistic centers paper industry
- housing and construction wood technology and bioenergy
- machinery high tech, innovation

Public Services

- hospitals
- ice hockey stadiums downhill skiing centres
- football stadiums golf
- athletic track spas

Education&Research

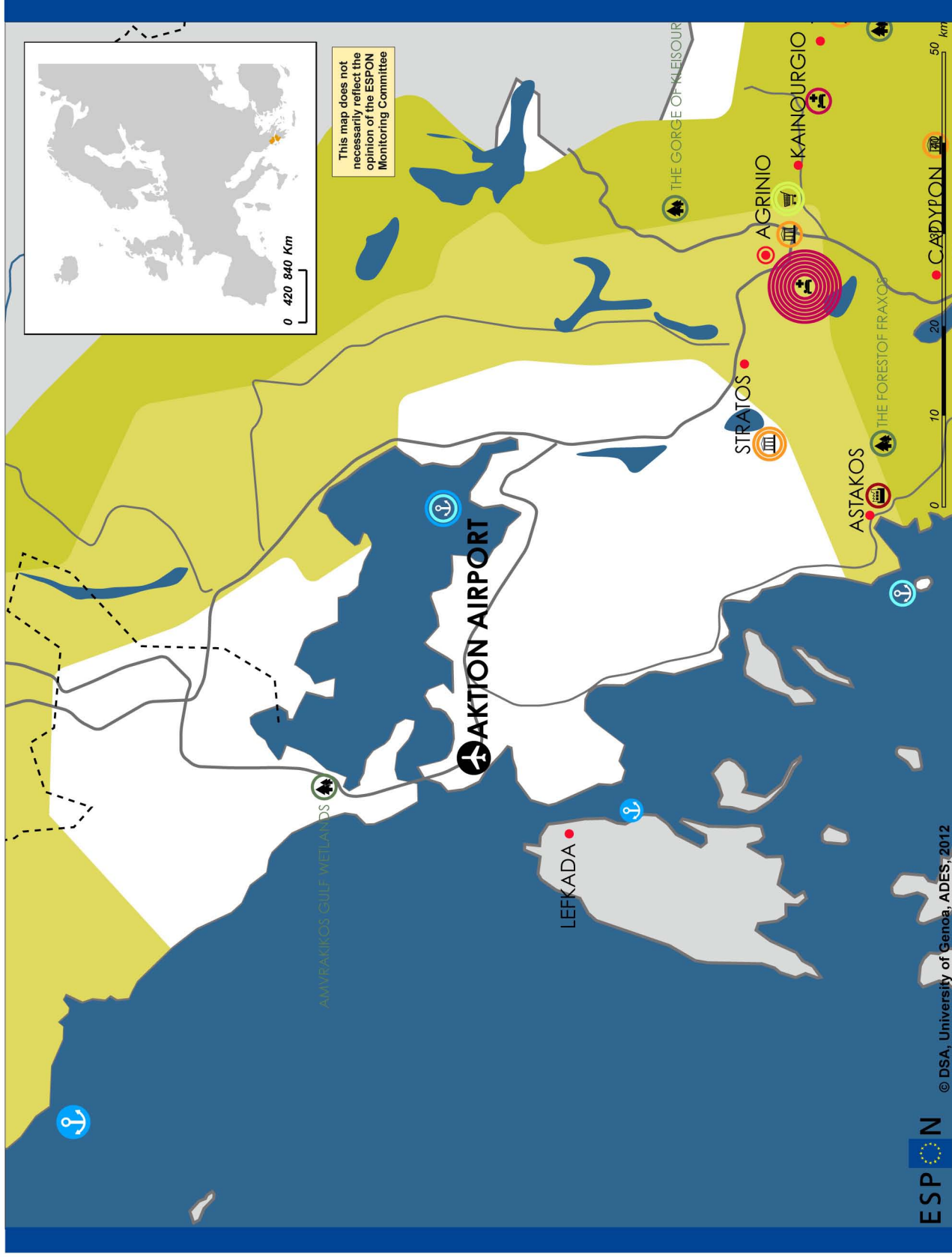
- universities
- research institutions academic
- research institutions academic

Tourism

- Natural park Cultural heritage

60-90-120 minutes number of

Comprehensive Map



Infrastructures

- Inland ports
- Commercial-Touristic
- Ades airport
- Military/civil airport
- existing highways
- roads under construction
- secondary roads
- main line train
- minor line train
- railways under construction

Industry&Commerce

- Shopping malls
- Products of processing materials
- Transport
- Machine and mechanical equipments
- Cosmetic industry
- Metals and metallic products
- Naval industry
- Agriculture and industrial products

Public Services

- Hospitals
- Stadium

Education&Research

- Universities
- Research institutions academic

Tourism

- Natural park
- Blue flags

- 60-90-120 minutes
- Number of

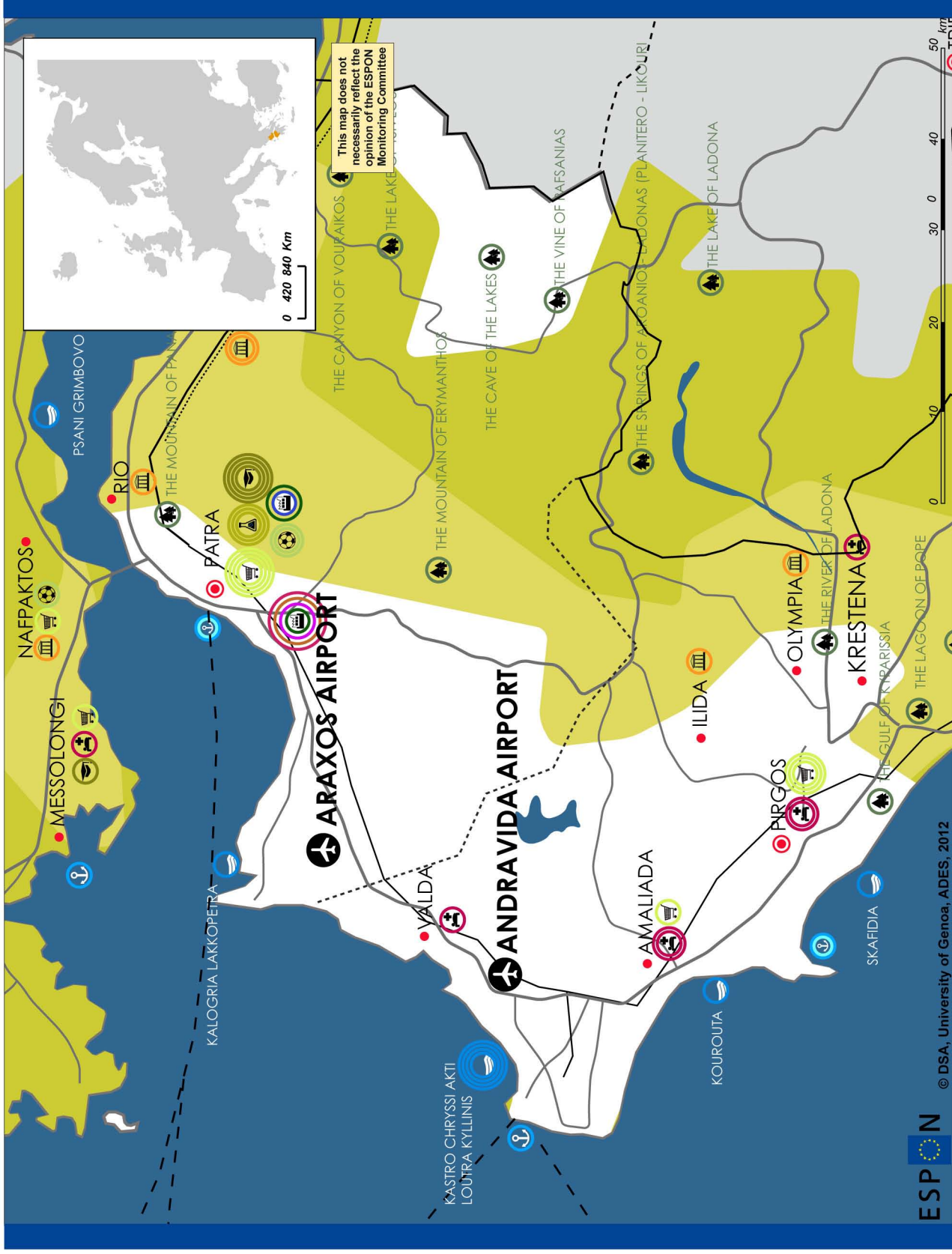
© DSA, University of Genoa, ADES, 2012



EUROPEAN UNION
Regional Development Fund
Investing in your future

Regional level: NUTS 2
Source: University of Genoa (DSA), 2012
Origin of data: Descriptive maps ADES, 2012
© EuroGeographics Association for administrative boundaries

Comprehensive Map



Infrastructures

- Inland ports
- Commercial-Touristic Ades airport
- Civil airport
- Military/civil airport
- existing highways
- roads under construction
- secondary roads
- main line train
- minor line train
- railways under construction

Industry&Commerce

- Shopping malls
- Products of processing materials
- Transport
- Machine and mechanical equipments
- Cosmetic industry
- Metals and metallic products
- Naval industry
- Agriculture and industrial products

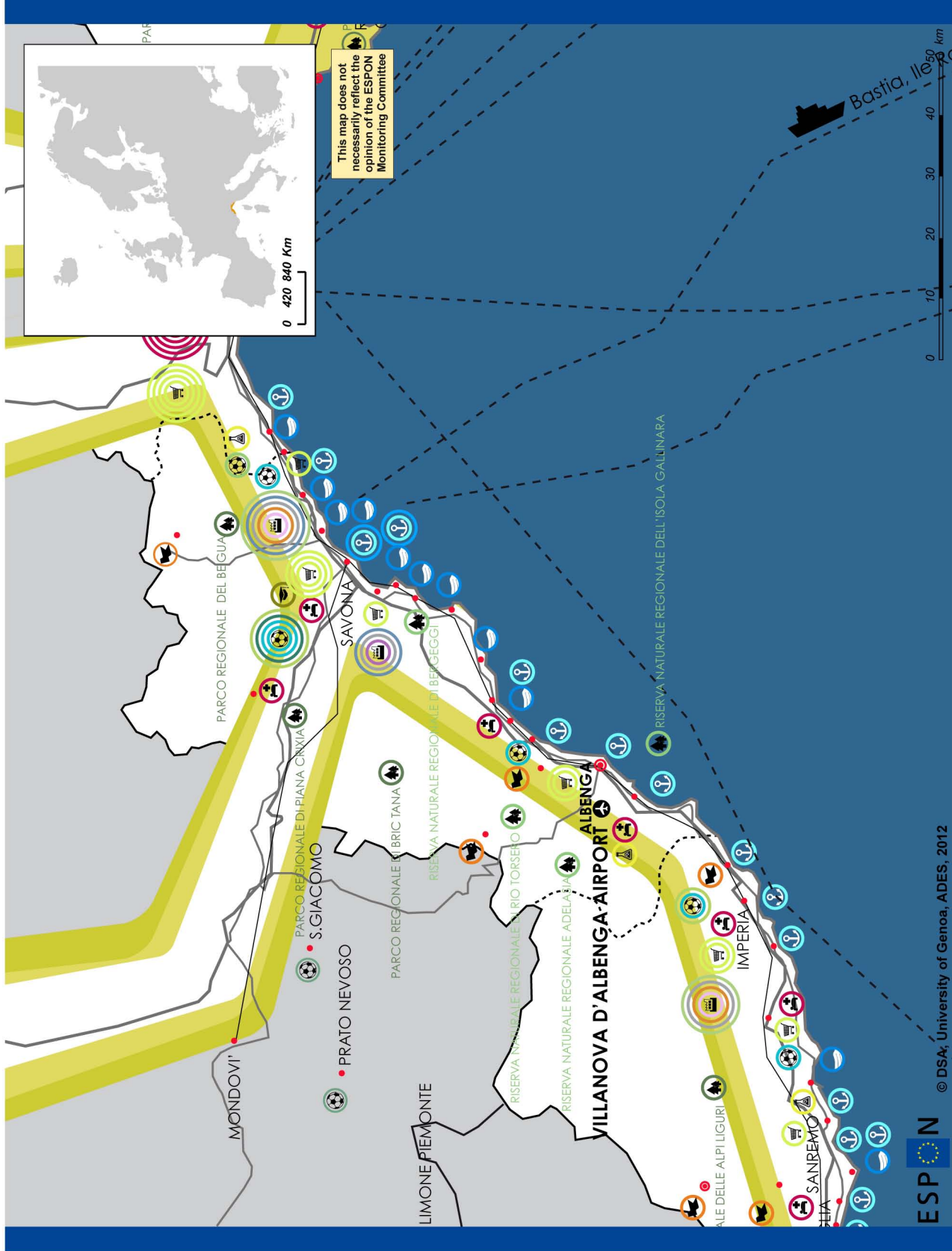
Public Services

- Hospitals
- Stadium
- Education&Research
- Universities
- Research institutions academic

Tourism

- Natural park
- Cultural heritage
- Blue flags
- 60-90-120 minutes
- Number of

Comprehensive Map



Infrastructures

- Inland ports
- Turistic harbours
- Ades airport
- Small airport
- Airfields
- trains
- existing highways
- secondary roads

Industry&Commerce

- shopping malls
- financial and insurances
- commerce and repairs
- activities
- mining
- transport
- hotel and public services
- housing and construction
- manufacturing
- agriculture

Public Services

- hospitals
- swimming pool
- golf
- athletic track
- ski resort
- football stadium

Education&Research

- universities
- research institutions academic
- research institutions academic

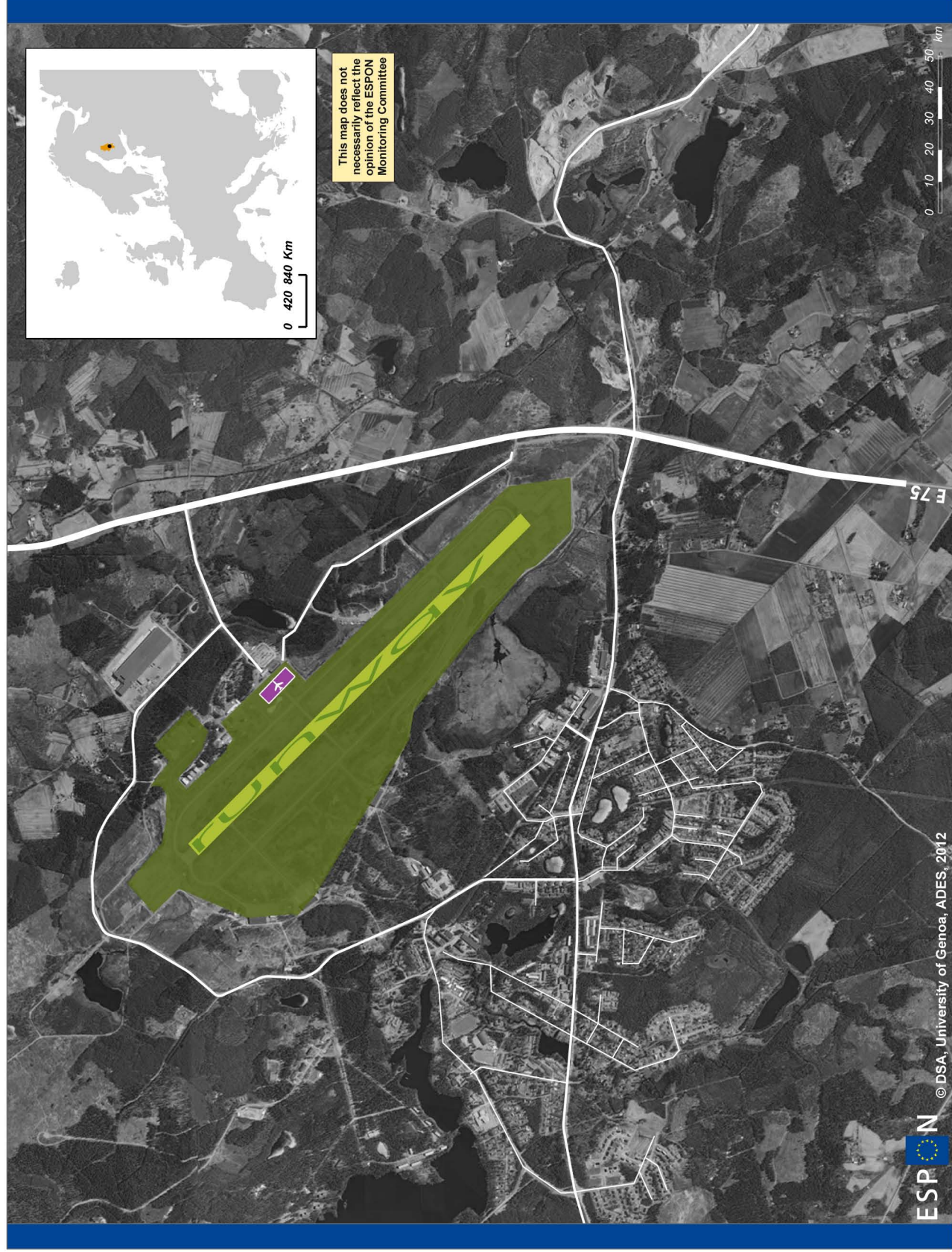
Tourism

- Natural park
- Cultural heritage
- Orange flags
- Beaches with blue flag

- 60-90-120 minutes
- number of

ID_AIRPORTS

ID_Jyväskylä Airport



JYVÄSKYLÄ AIRPORT JYV
 62° 23' 58" N 25° 40' 42" E

▲ **ELEVATION (SLM) 140M**
 ✈ **RUNWAY LENGTH 2601M**
 🛣 **SURFACE ASPHALT**
 ✈ **TPOLOGY CIVIL AND MILITARY**

✈ **LANDINGS 14812 (in 2010)**
 👤 **PASSENGERS 88608 (in 2010)**

🏪 **FACILITIES RESTAURANTS, BARS, SHOPS, POST OFFICE, TELECOMMUNICATION SERVICES, FIRST AID, FIRE SERVICES, PHARMACY, LEFT-LUGGAGE, CHILD FACILITIES, VIP LOUNGE, DISABLE FACILITIES, PARKING, TRAVEL AGENCY, CAR RENTAL, POLICE STATION, INFORMATION SERVICES, AIRLINE OFFICES, CONFERENCE ROOMS, MANAGEMENT SERVICES, CONNECTIONS JYVÄSKYLÄ**

Legend

- Airport terminal
- Runway
- Buffer zone



© DSA, University of Genoa, ADES, 2012



EUROPEAN UNION
 Part-financed by the European Regional Development Fund
 INVESTING IN YOUR FUTURE

Source: DSA, University of Genoa, 2012
 Origin of data: www.finavia.fi/airports/airport_jyvaskyla, 2012
 © EuroGeographics Association for administrative boundaries

ID_Aktion Airport



AKTION AIRPORT PVK
38° 55' 32" N 20° 45' 55" E

ELEVATION (SLM) 3M
RUNWAY LENGTH 2871M
SURFACE ASPHALT
TPOLOGY CIVIL AND MILITARY:

LANDINGS
PASSENGERS 292394 (in 2010)

FACILITIES RESTAURANTS, BARS, SHOPS, BANKS, POST OFFICE, TELECOMMUNICATION SERVICES, FIRST AID, FIRE SERVICES, PHARMACY, LEFT-LUGGAGE, CHILD FACILITIES, VIP LOUNGE, DISABLE FACILITIES, PARKING, METEOROLOGICAL CENTER, TRAVEL AGENCY, CAR RENTAL, POLICE STATION, INFORMATION SERVICES, AIRLINE OFFICES, MANAGEMENT SERVICES
CONNECTIONS PREVEZA

Legend

-  Airport terminal
-  Runway
-  Buffer zone



© DSA, University of Genoa, ADES, 2012



Regional level: NUTS 3
 Source: DSA, University of Genoa, 2012
 Origin of data: www.hcaa-eleng.gr/preveza.htm, 2012
 © EuroGeographics Association for administrative boundaries

ID_Andravida Airport

ANDRAVIDA AIRPORT PYR
 37° 41' 0" N 21° 28' 0" E



▲ **ELEVATION (SLM) 17M**
 ✈ **RUNWAY LENGHT 3139M**
 🛣 **SURFACE ASPHALT**
 ✈ **TPOLOGY MILITARY**

✈ **LANDINGS -**
 🚶 **PASSENGERS -**

🏠 **FACILITIES MILITAR FACILITIES, PRIVATE JET SERVICES, PARKING**
 📶 **CONNECTIONS IONION SEA PATRAS**

Legend

-  Airport terminal
-  Runway
-  Buffer zone

ID_Araxos Airport

ARAXOS AIRPORT GPA
 38° 9' 4" N 21° 25' 32" E



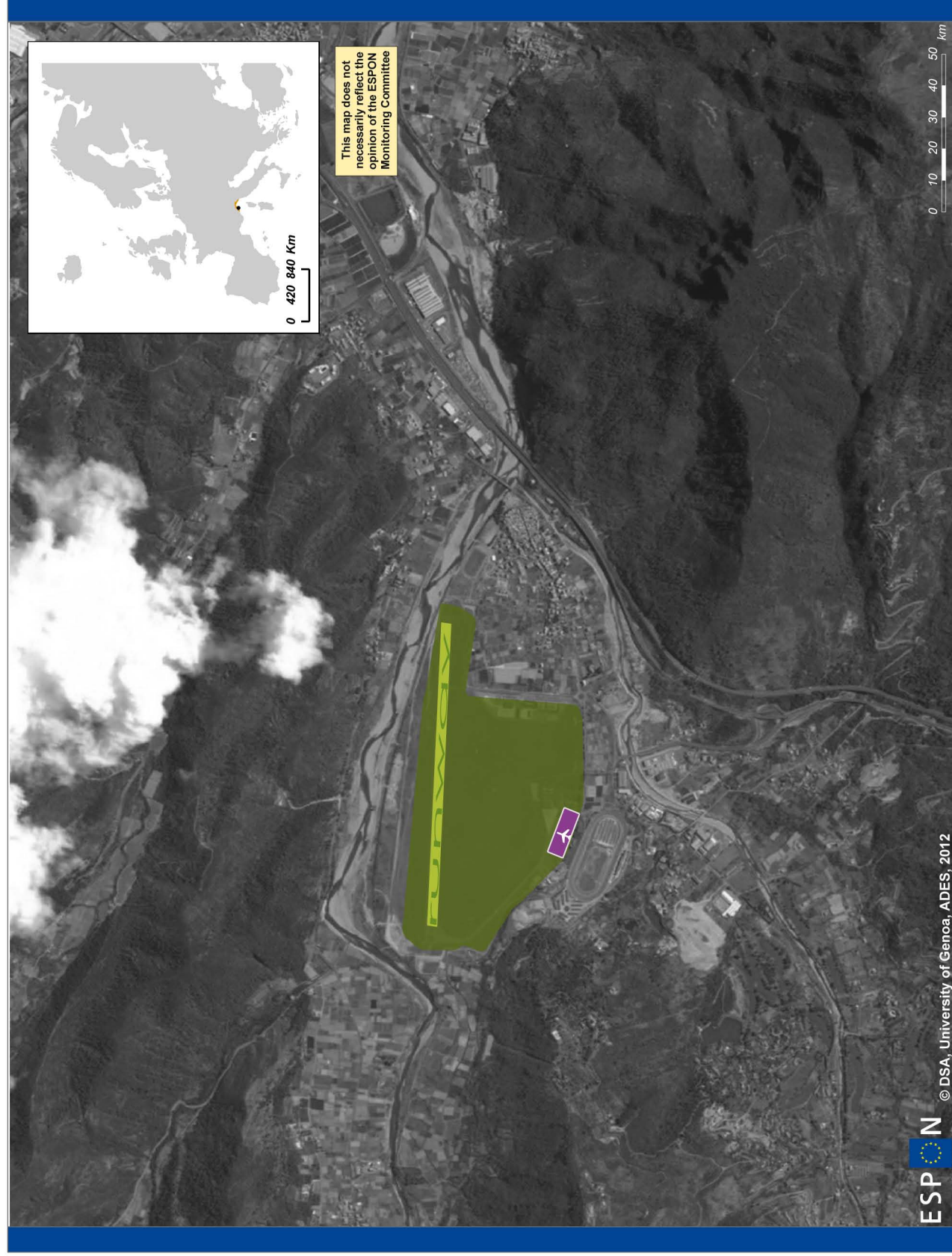
ELEVATION (SLM) 14M
 RUNWAY LENGTH 3352M
 SURFACE MACADAM
 TYPOLOGY CIVIL AND MILITARY

LANDINGS
 PASSENGERS 292394 (in 2010)

FACILITIES RESTAURANTS, BARS, SHOPS, LEFT-LUGGAGE, PARKING, TRAVEL AGENCY, CAR RENTAL, POLICE STATION, INFORMATION SERVICES, AIRLINE OFFICES, MANAGEMENT SERVICES
 CONNECTIONS PATRAS

- Legend
- Airport terminal
 - Runway
 - Buffer zone

ID_Villanova d'Albenga Airport



VILLANOVA AIRPORT VLA
44° 02' 45" N 08° 07' 45" E

ELEVATION (SLM) 45M
RUNWAY LENGHT 1429M
SURFACE ASPHALT
TYPOLOGY CIVIL (PRIVATE)

LANDINGS -
PASSENGERS -

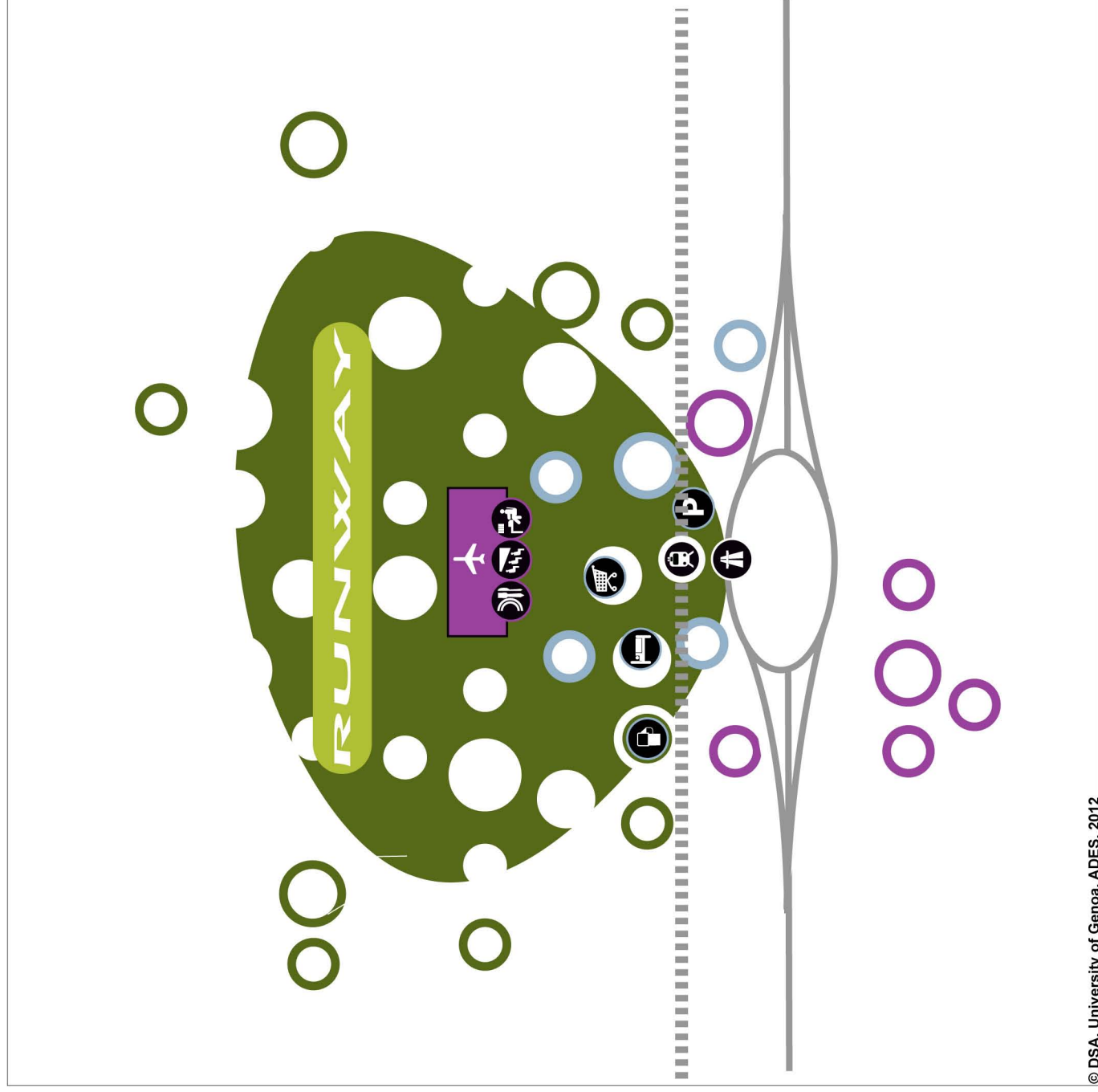
FACILITIES PARKING, AVIATION
SCHOOL, PRIVATE JET SERVICES
CONNECTIONS ALBENGA
SAVONA, GENOVA, VENTIMIGLIA

Legend

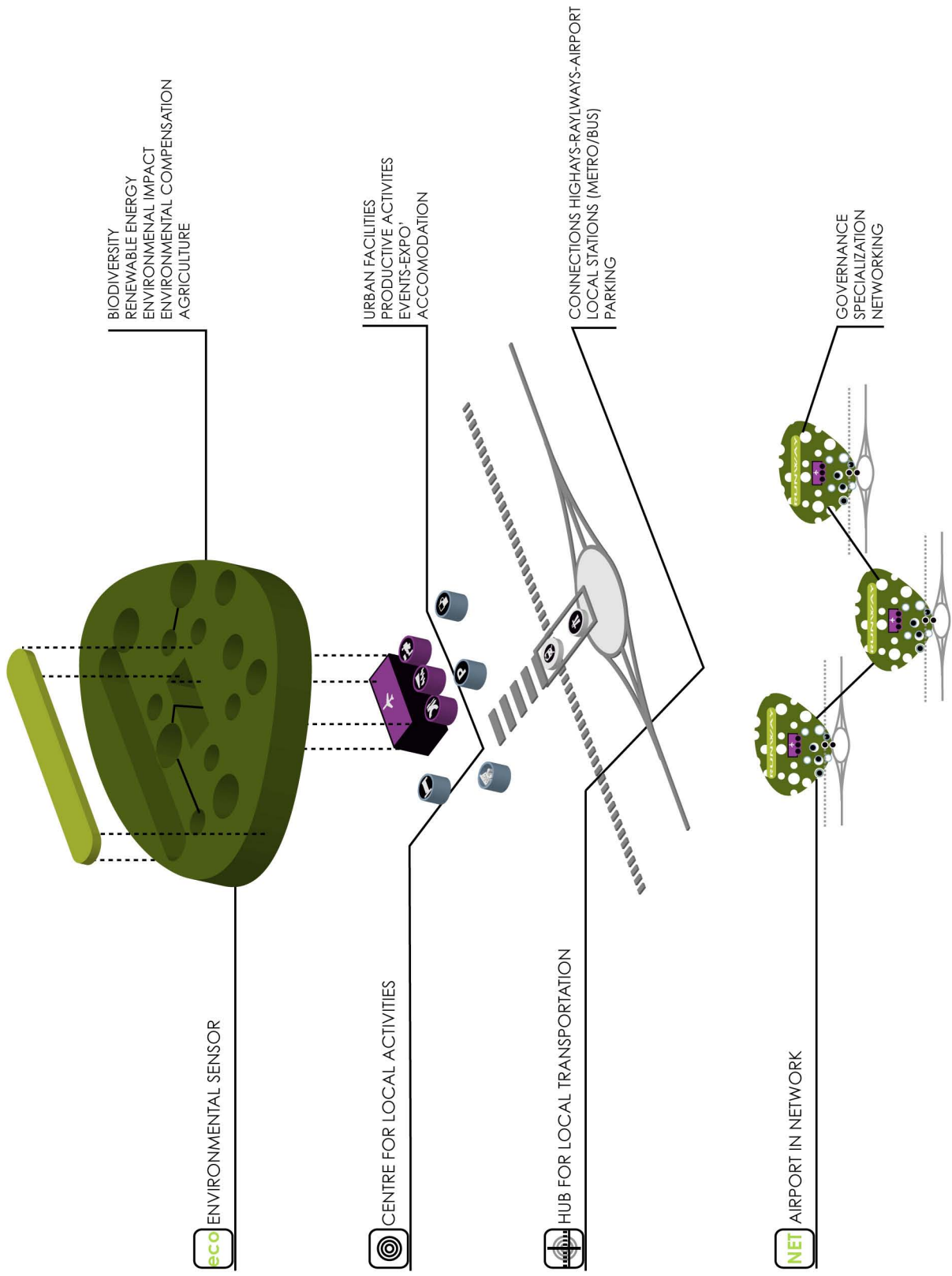
- Airport terminal
- Runway
- Buffer zone

CONCEPT

Osmotic Airport



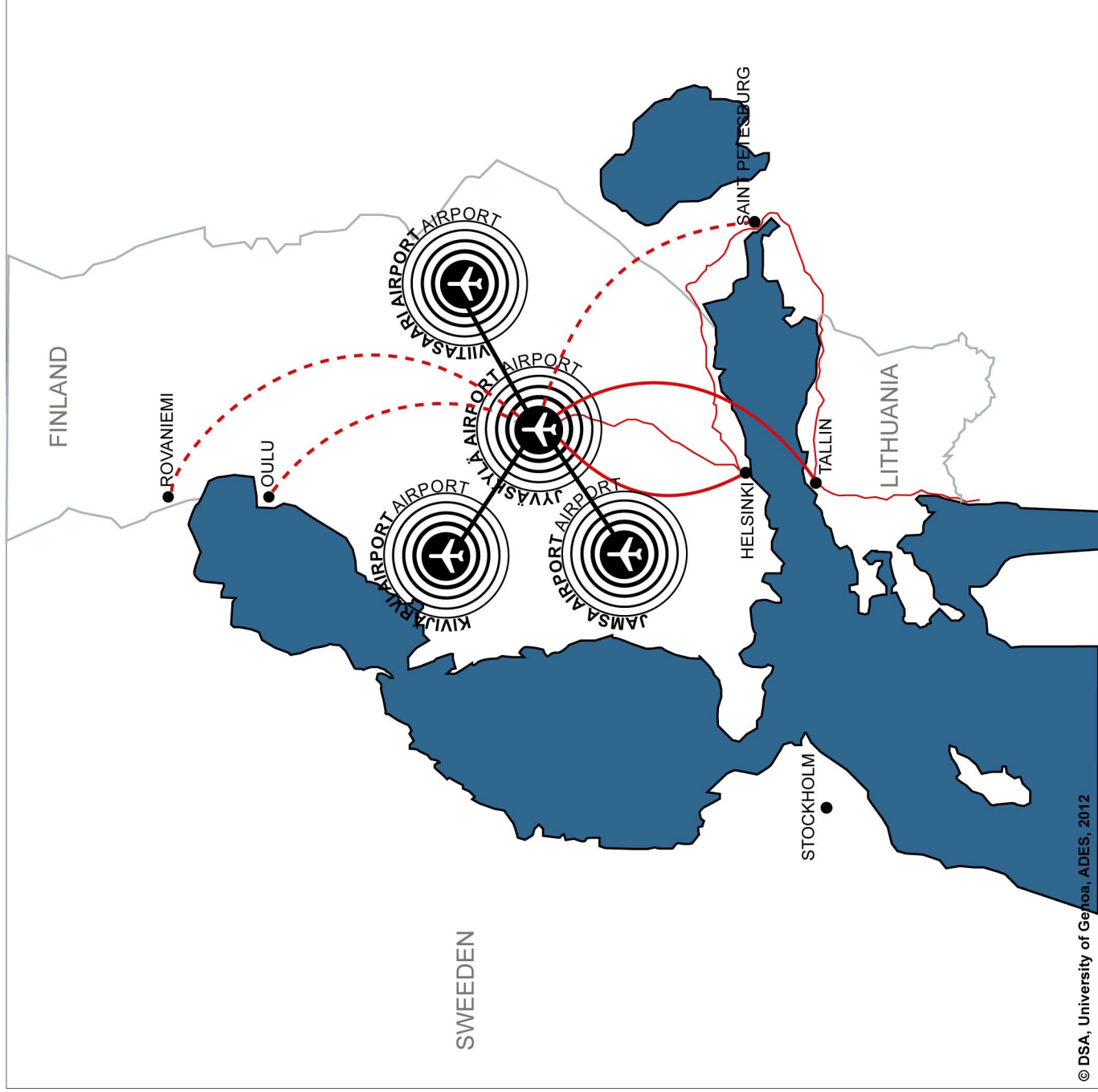
Network devices







Vision Maps Strategies for Jyvaskyla Airport

Airport in Network

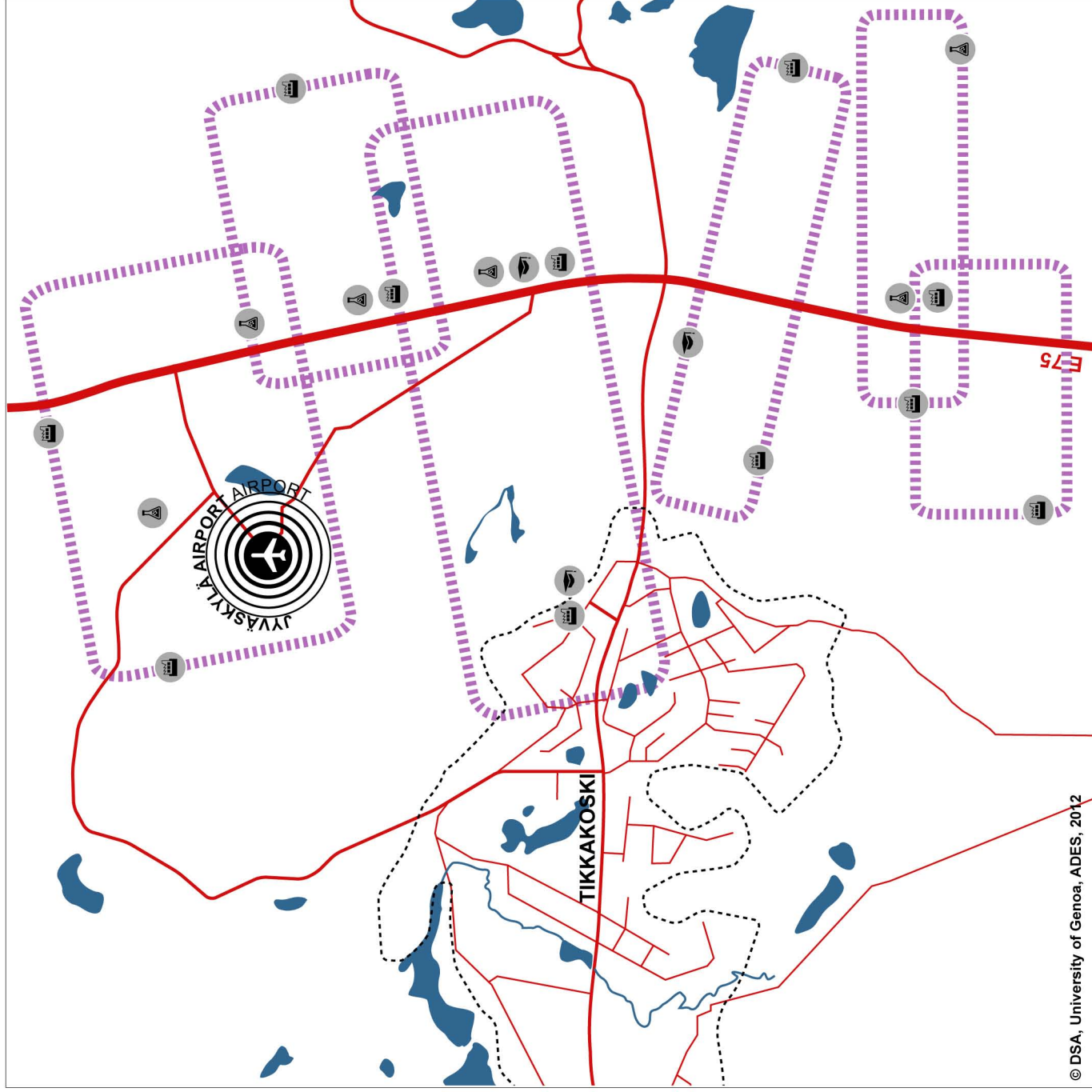
-  ENVIRONMENTAL SENSOR
-  CENTRE FOR LOCAL ACTIVITIES
-  HUB FOR LOCAL TRANSPORTATION
-  AIRPORT IN NETWORK



Legend

-  Airport
-  Existing Flight connection
-  Proposed Flight connection
-  Flows of passengers

Industrial Airport

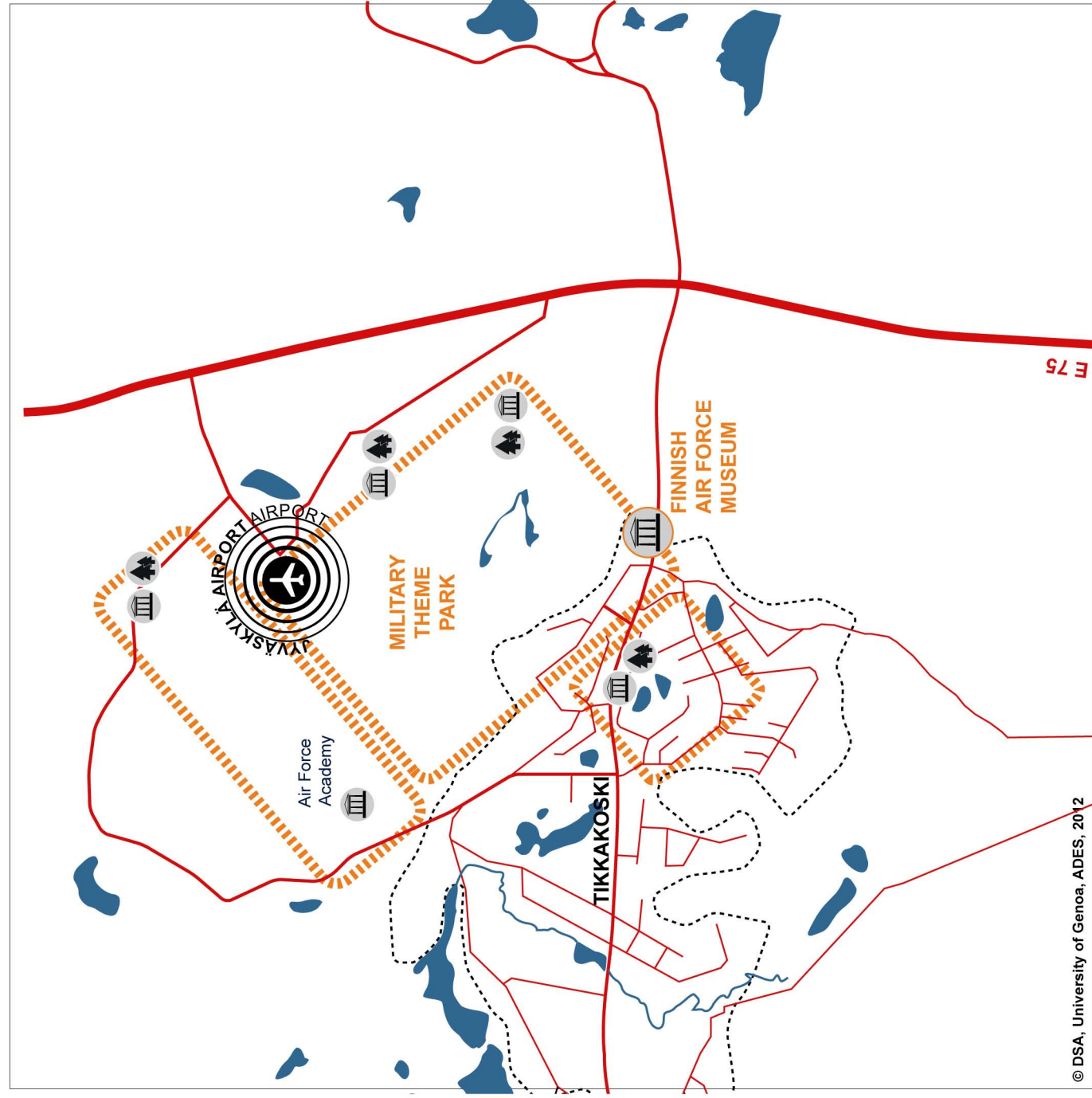


- ENVIRONMENTAL SENSOR
- CENTRE FOR LOCAL ACTIVITIES
- HUB FOR LOCAL TRANSPORTATION
- AIRPORT IN NETWORK

Legend

- Airport
- Industrial Platform
- Industries
- Research Institutes
- Universities

Military Park Airport




 ENVIRONMENTAL SENSOR

 CENTRE FOR LOCAL ACTIVITIES

 HUB FOR LOCAL TRANSPORTATION

 AIRPORT IN NETWORK

Legend

 Airport

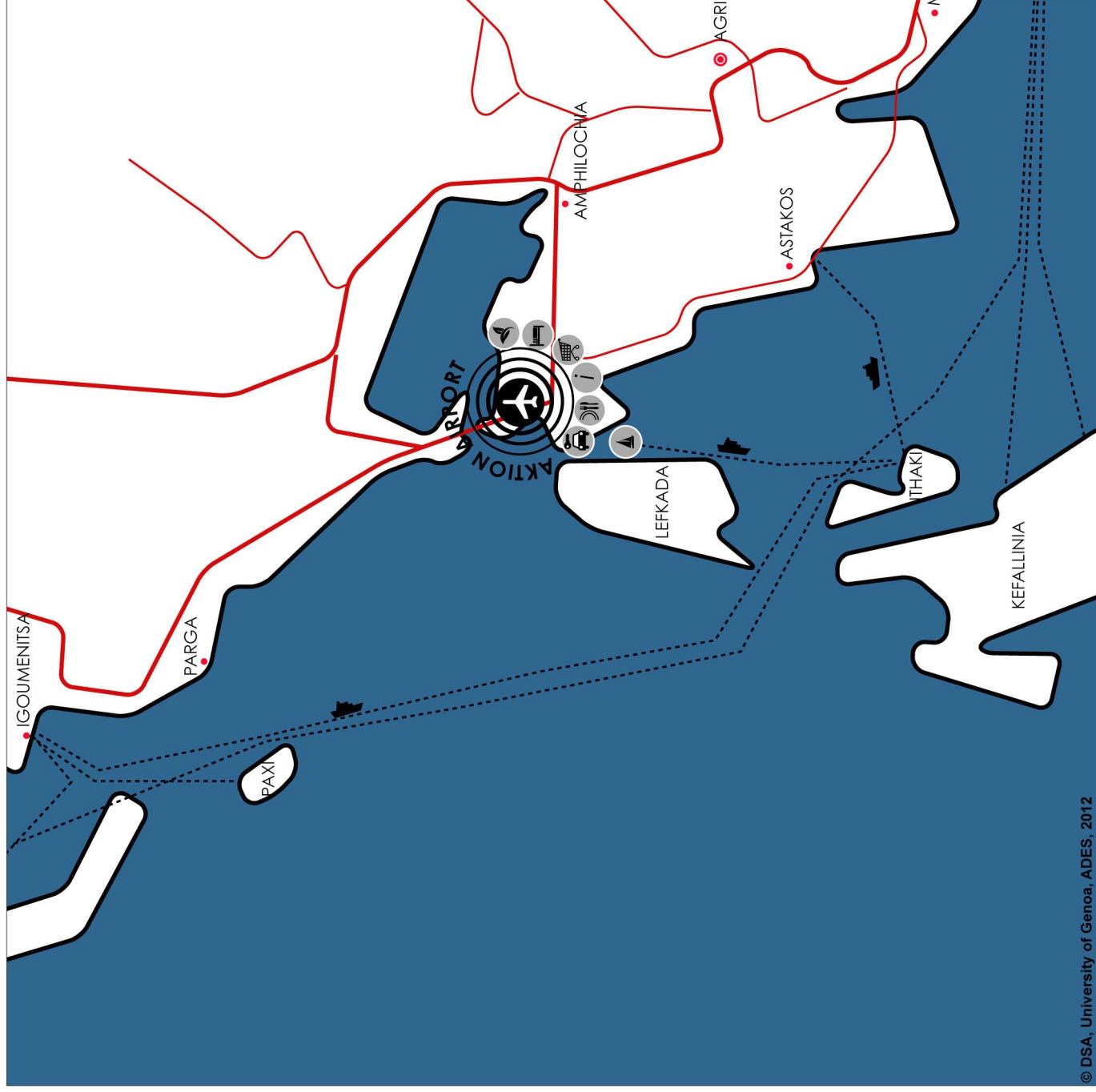
 Military Theme Park





 Museum and Cultural facilities









 Park and Green

**Vision Maps
Strategies for Araxos, Aktion
and Andravida Airports**

Touristic Airport



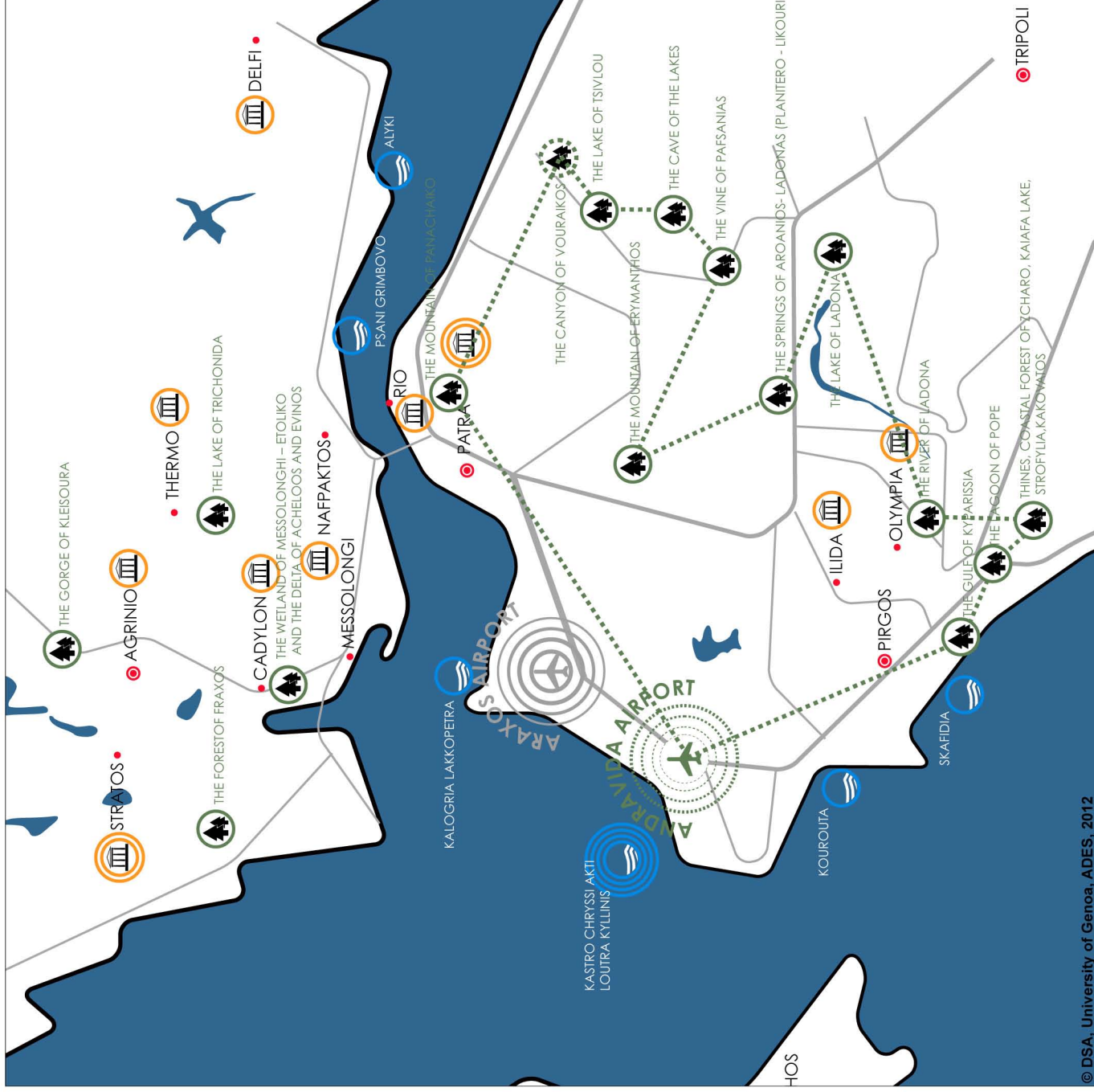
-  ENVIRONMENTAL SENSOR
-  CENTRE FOR LOCAL ACTIVITIES
-  HUB FOR LOCAL TRANSPORTATION
-  AIRPORT IN NETWORK

- Legend**
-  Airport
 -  Harbour
 -  Car rental
 -  Restaurants-Bars
 -  Information
 -  Shops
 -  Accommodation
 -  Renewable energy

Platform Airport



Eco Airpark



eco ENVIRONMENTAL SENSOR

o CENTRE FOR LOCAL ACTIVITIES

h HUB FOR LOCAL TRANSPORTATION

NET AIRPORT IN NETWORK

Legend

o Airport

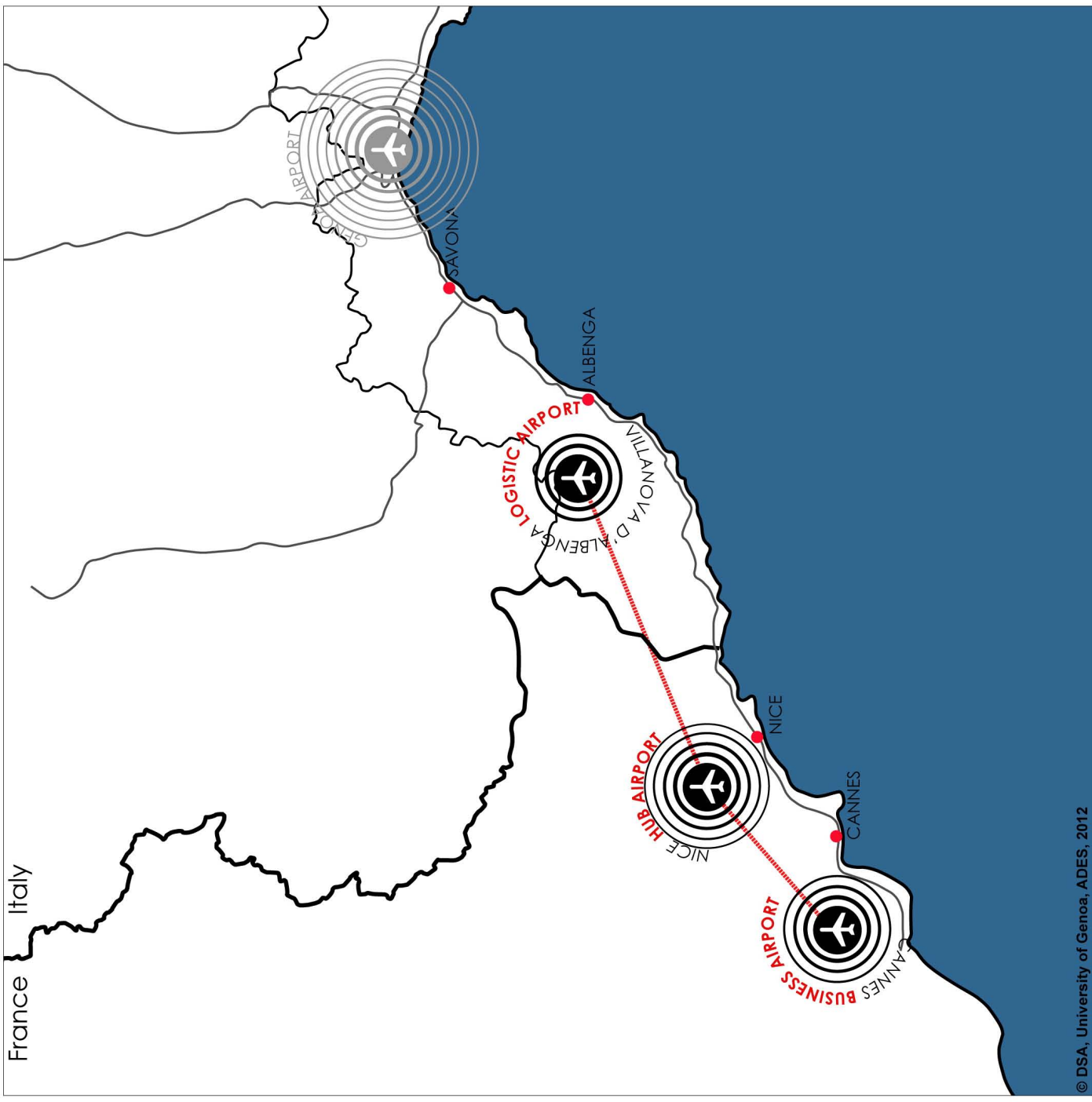
o Parks network


o Cultural heritage

o Blue flag

**Vision Maps
Strategies for Villanova
d'Albenga Airport**

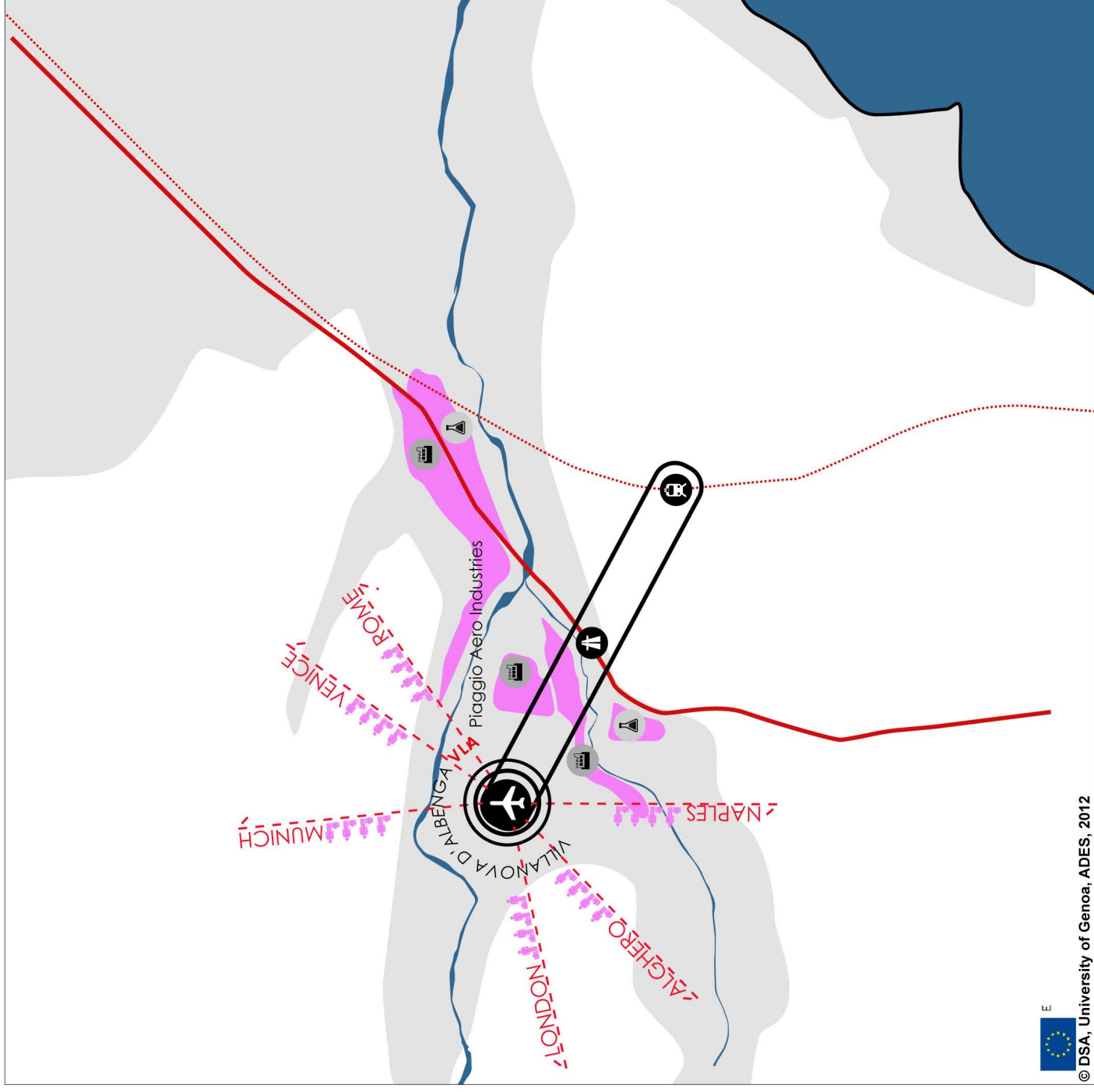
Airport in Network



-  ENVIRONMENTAL SENSOR
-  CENTRE FOR LOCAL ACTIVITIES
-  HUB FOR LOCAL TRANSPORTATION
-  AIRPORT IN NETWORK

- Legend
-  Airport
 -  Connection
 -  Flows of passengers

Industrial Airport



eco ENVIRONMENTAL SENSOR

target CENTRE FOR LOCAL ACTIVITIES

hub HUB FOR LOCAL TRANSPORTATION

NET AIRPORT IN NETWORK

Legend

airplane Airport

airplane + train Connection highway-
railway- airport

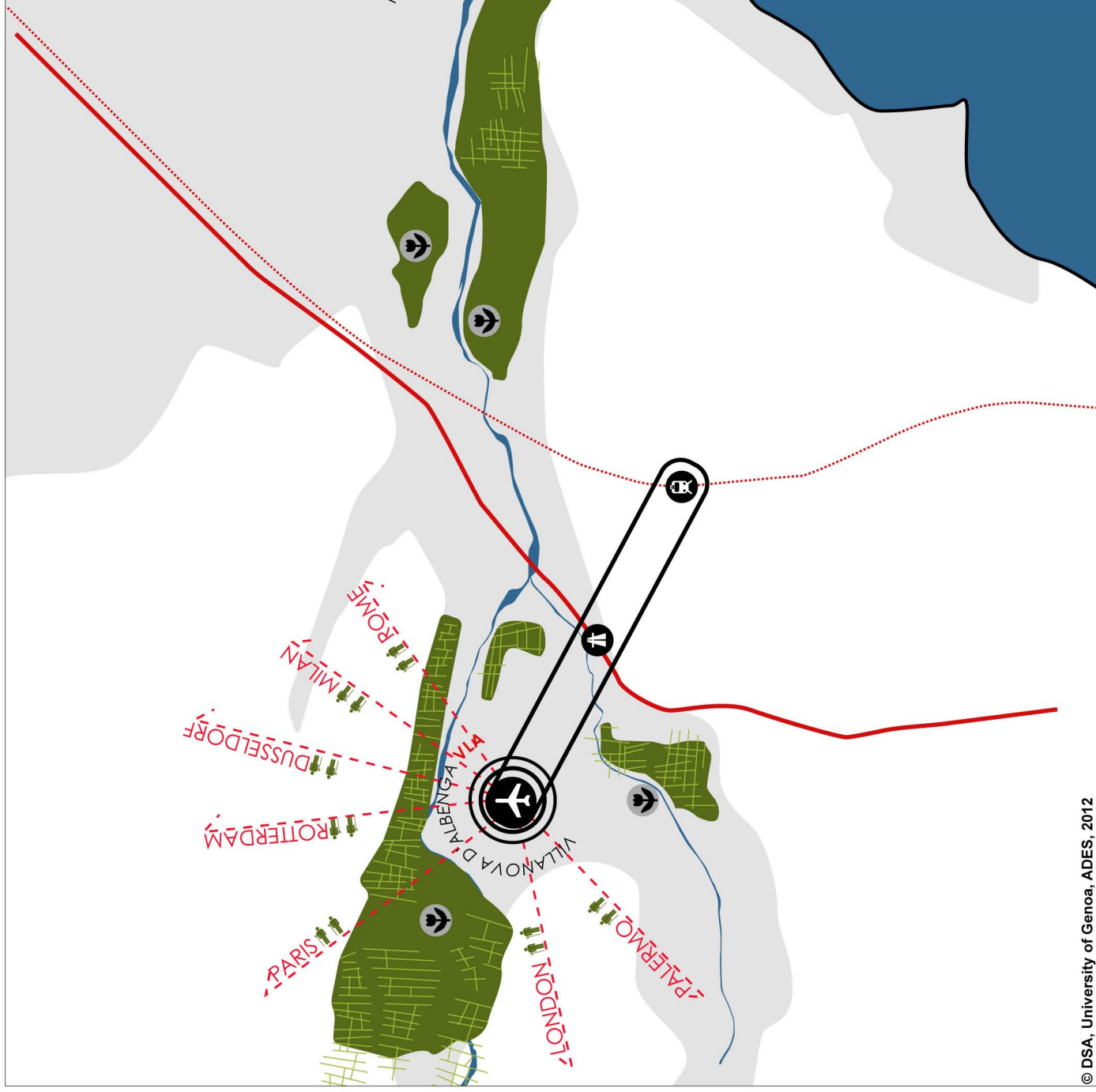
factory Industries

flask Research Institutions

city New destinations









Eco Agriport



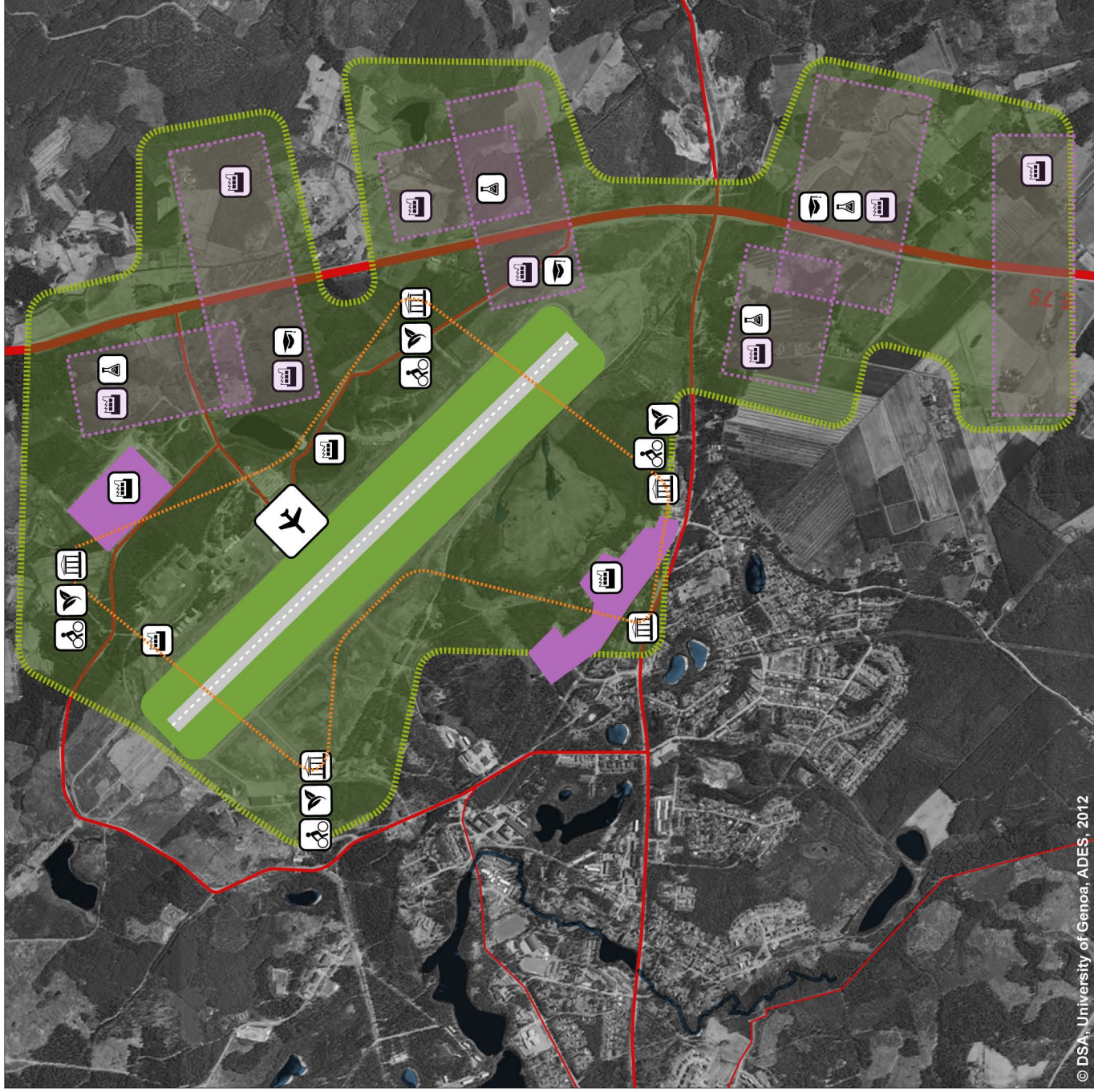
-  ENVIRONMENTAL SENSOR
-  CENTRE FOR LOCAL ACTIVITIES
-  HUB FOR LOCAL TRANSPORTATION
-  AIRPORT IN NETWORK

Legend











-  Airport
-  Connection highway-railway-airport
-  Agriculture
-  Fruits
-  Flowers
-  city, New destinations

Vision Maps MASTERPLAN

Platform Airport



Legend

-  Platform Airport
-  Industrial Platform
-  Agriculture
-  Bike Path
-  Cultural heritage
-  Research Institutes
-  Universities
-  Cultural heritage Path
-  Infrastructures
-  Green Corridors

Touristic Airport



EcoAirpark



Logistic Airport



Legend



Logistic Airport



Industrial Platform



Agriculture



Renewable energy



Urban facilities



Connection highway-railway-airport



Green corridors



Buffer zone

www.espon.eu

The ESPON 2013 Programme is part-financed by the European Regional Development Fund, the EU Member States and the Partner States Iceland, Liechtenstein, Norway and Switzerland. It shall support policy development in relation to the aim of territorial cohesion and a harmonious development of the European territory.

ISBN