SUMMARY

I. The profile of Region Abruzzo

II. Economic indicators

III. GIS implication for the Abruzzo Region

IV. The Regional GIS
surface: 10,800 skm
inhabitants: 1.3 milion
Abruzzo covers 10,794 square kilometers and has a population of 1,367,000 inhabitants.

To the North it is bordered by Marche, to the South by Molise and to the West by Lazio. The Eastern boundary of Abruzzo is its 130 kilometers long coastline along the Adriatic Sea.

Geographically extremely varied and irregular, Abruzzo has a number of National Parks and protected nature reserves covering over 30% of its territory, increasing the area’s fascination and making the region unforgettable. In Abruzzo ancient tradition coexists happily with the liveliness and dynamism of its modern urban centers and its four provinces: L’Aquila, the regional capital and focus for the electronic and chemical-pharmaceutical industries; Chieti and Teramo, whose territories have the oldest industrial traditions and the highest concentration of small and medium sized companies respectively; Pescara, an important commercial centre with a focus on the service sector.
THE TWO MAJOR TOWNS

L’Aquila

Pescara
DEMOGRAPHY
Region ABRUZZO – ECONOMY (1)

- First European Region getting out from *Objective 1* support
- Level of industrialisation higher than the national average
- Two speeds for development
  - Major coastal dynamism
  - Increasing disparities at internal level
Region ABRUZZO – ECONOMY (2)

- Developed tourist industry
  - Summer tourism: other 100 km of coast
  - Winter tourism: 20 ski cables and over 150 ski slopes

- Good diffusion of SMEs
  - Textile and clothing
  - Metal - mechanics
  - Wood & furniture
  - Leather
STRENGTHS

- Optimal geographic position
- Good social stability
- Favourable environment
- Strong interest in Innovation (3 universities, 3 research centres, etc.)

WEAKNESSES

- Lack of infrastructure
- Productive system not enough structured
SOME MACRO-ECONOMIC DATA (1)

GDP / INHABITANT

- **Higher** than national average
- **Equal** to national average
- **Lower** than national average

P.I.L. per abitante a prezzi '95
SOME MACRO-ECONOMIC DATA (2)

NEW ENTERPRISES – ENTERPRISES ENDED

- lower than national average
- equal to national average
- higher than national average
Region ABRUZZO

SOME MACRO-ECONOMIC DATA (3)

YOUTH UNEMPLOYMENT RATE

- lower than national average
- equal to national average
- higher than national average

![Map of Italy with youth unemployment rates]

![Graph showing youth unemployment rates from 1995 to 2001]

Tasso di disoccupazione giovanile

![Graph with data points for Abruzzo and Italy]
Length of motorway system in km, by province

<table>
<thead>
<tr>
<th>Major town</th>
<th>Motorways in Km.</th>
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</thead>
<tbody>
<tr>
<td>L'Aquila</td>
<td>135.10</td>
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<tr>
<td>Teramo</td>
<td>57.20</td>
</tr>
<tr>
<td>Pescara</td>
<td>64.40</td>
</tr>
<tr>
<td>Chieti</td>
<td>62.00</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>318.7</strong></td>
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</table>
Length of the railway network in km, by province

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<thead>
<tr>
<th>Major town</th>
<th>Length of Network</th>
<th>Single track Electrified</th>
<th>Dual track Electrified</th>
<th>Single track Electrified</th>
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<tr>
<td>L'Aquila</td>
<td>320.92</td>
<td>115.16</td>
<td>0.00</td>
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<td>Teramo</td>
<td>70.49</td>
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<td>45.41</td>
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<td>Pescara</td>
<td>54.15</td>
<td>39.83</td>
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<td>Chieti</td>
<td>87.18</td>
<td>50.65</td>
<td>31.49</td>
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<td><strong>Total</strong></td>
<td><strong>532.74</strong></td>
<td><strong>205.64</strong></td>
<td><strong>91.22</strong></td>
<td><strong>235.85</strong></td>
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## PORTS

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<th>Ship Arrivals</th>
<th>Freight tonnage arrivals</th>
<th>Passenger Arrivals</th>
<th>Ship Departures</th>
<th>Freight tonnage departures</th>
<th>Passenger Departures</th>
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<td>No. of aircraft arrivals</td>
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<td>No. of passenger arrivals</td>
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<td>No. of aircraft departures</td>
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<td>Freight departures</td>
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<td>No. of passenger departures</td>
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ECONOMIC SECTORS IN ABRUZZO

75.65

1.64

22.71

Primario  Secondario  Terziario
Abruzzo is a region with a positive trend of development but with still unstable indicators.

Risk related to an industrial system which is too much linked to small enterprises implying local capitals.

Need to develop the capability of internationalization of the productive system.
ABRUZZO REGION

extract of the Orthophoto Chart
Experience in Cartographic detection

- **Internal activities**, for the finishing process of the Regional Geographic Information System

- “Intesa Stato Regioni, Enti locali: Specifiche per la realizzazione dei Database Topografici di interesse generale” – IntesaGIS and Cartographic Reference System

- Framework Programme Agreement and E-government National Plan
The Regional Geographic Information System

- Photographic library
- Regional map database
- Numerical technical chart at regional level (scale 1:5,000)
- Thematic charts, chart of the idrogeological constraint
- Digital ortophoto (scale 1:10,000 and 1:25,000)
IntesaGIS and the Cartographic Reference System

- **Realisation of priority DB**

- **Realisation of Topographical Database of General Interest (DBPrior 10K)**

- **Realisation of the Geodetic Network at 7 km**
Framework Programme Agreement and E-government National Plan

1. SIGMATER - a project to create an infrastructure for exchanging and integrating regional cadastral information
2. Development of the Information Society in the Abruzzo Region and the GeoDB Abruzzo
3. GPS Supporting Network to GIS
4. R.I.C.A.MA.
5. SICORA
R.I.C.A.M.A.
RATIONALE FOR INTEGRATED COASTAL AREA MANAGEMENT
R.I.C.A.MA.
RATIONALE FOR INTEGRATED COASTAL AREA MANAGEMENT
R.I.C.A.M.A.
RATIONALE FOR INTEGRATED COASTAL AREA MANAGEMENT
SICORA
Support System for the Management of the Coastal Area of the Abruzzo Region
SICORA
Support System for the Management of the Coastal Area of the Abruzzo Region
Conclusions

- **SigmaTER project**;
- **finishing project of the Regional Technical Numerical Chart 1:5.000 scale**;
- **digital ortophoto, scale 10K and 25K**;
- **realisation of the Abruzzo GeoDB**
- **a new project idea: radio connection between 118 and the civil protection**