



ABRUZZO REGION

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ECOSIND Final Event
BARCELONA 17/11/2006



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

ROME

WHERE WE ARE



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.

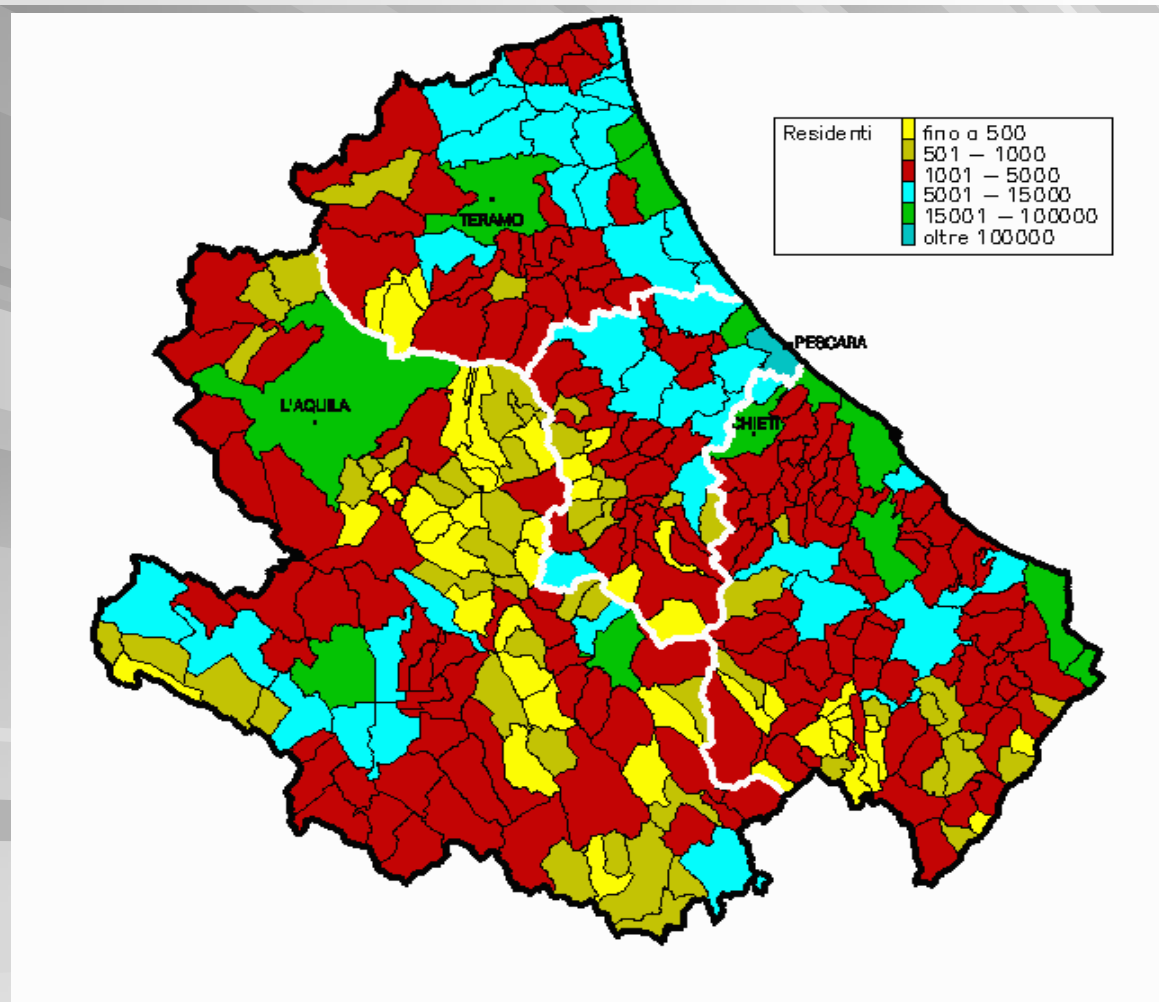
THE TWO MAJOR TOWNS

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

STRENGTH, WEAKNESS

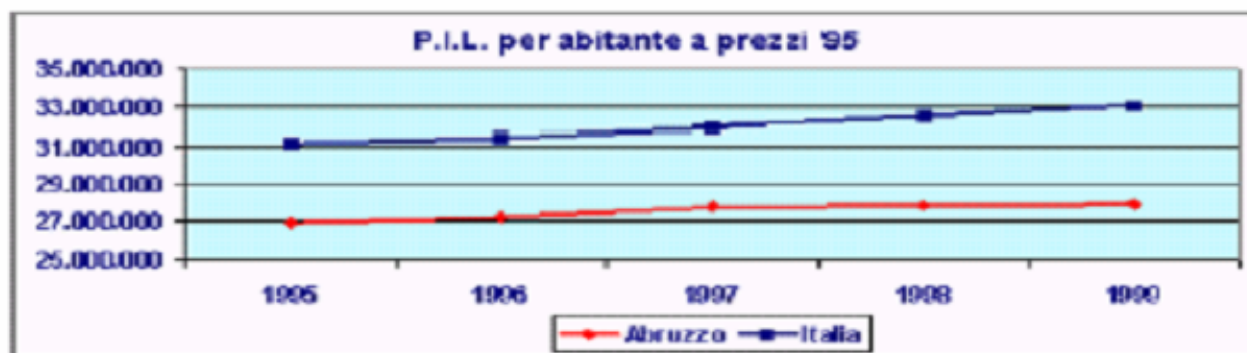
- **STRENGTHS**
 - Optimal geographic position
 - Good social stability
 - Favourable environment
 - Strong interest in Innovation (3 universities, 3 research centres, etc.)
- **WEAKNESSES**
 - Lack of infrastructure
 - Productive system not enough structured

SOME MACRO-ECONOMIC DATA (1)

GDP / INHABITANT



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



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



MOTORWAYS



Length of motorway system in km, by province

Major town	Motorways in Km.
L'Aquila	135.10
Teramo	57.20
Pescara	64.40
Chieti	62.00
Total	318.7

RAILWAYS



Length of the railway network in km, by province

Major town	Length of Network	Single track Electrified	Dual track Electrified	Single track
L'Aquila	320.92	115.16	0.00	205.75
Teramo	70.49	0.00	45.41	25.07
Pescara	54.15	39.83	14.32	0.00
Chieti	87.18	50.65	31.49	5.03
Total	532.74	205.64	91.22	235.85

PORTS

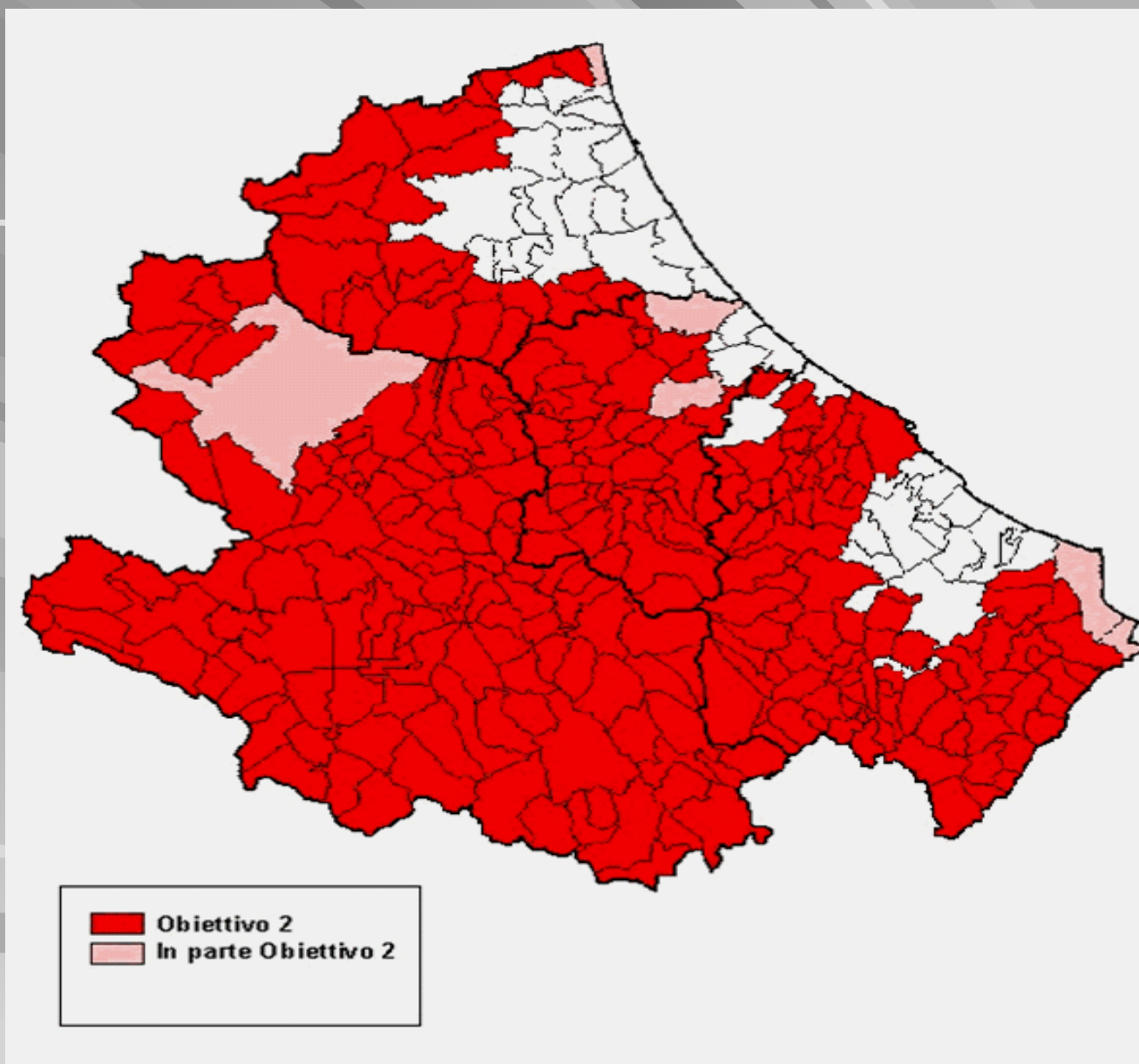


	Ship Arrivals	Freight tonnage arrivals	Passenger Arrivals	Ship Departures	Freight tonnage departures	Passenger Departures
Abruzzo	1021	1855172	17161	1058	83933	17141

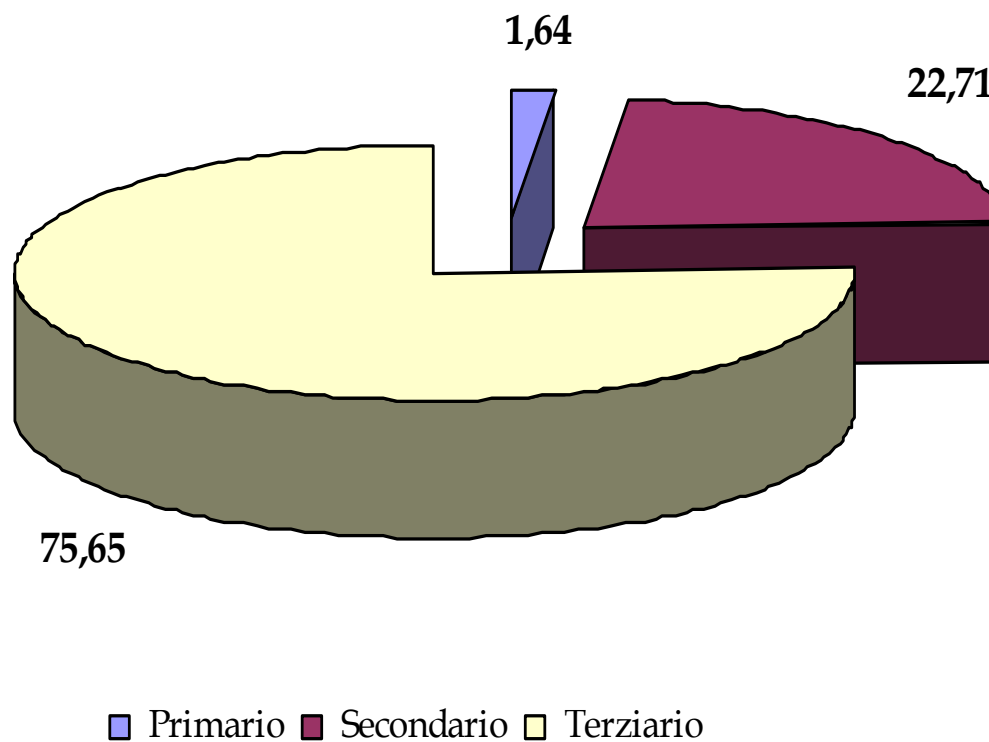
AIRPORTS



No. of aircraft arrivals	1.515
Freight arrivals	53
No. of passenger arrivals	60.323
No. of aircraft departures	1.702
Freight departures	51
No. of passenger departures	97.756



ECONOMIC SECTORS IN ABRUZZO



ABRUZZO – SUMMARY

- 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

GIS IMPLICATION FOR THE ABRUZZO REGION

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

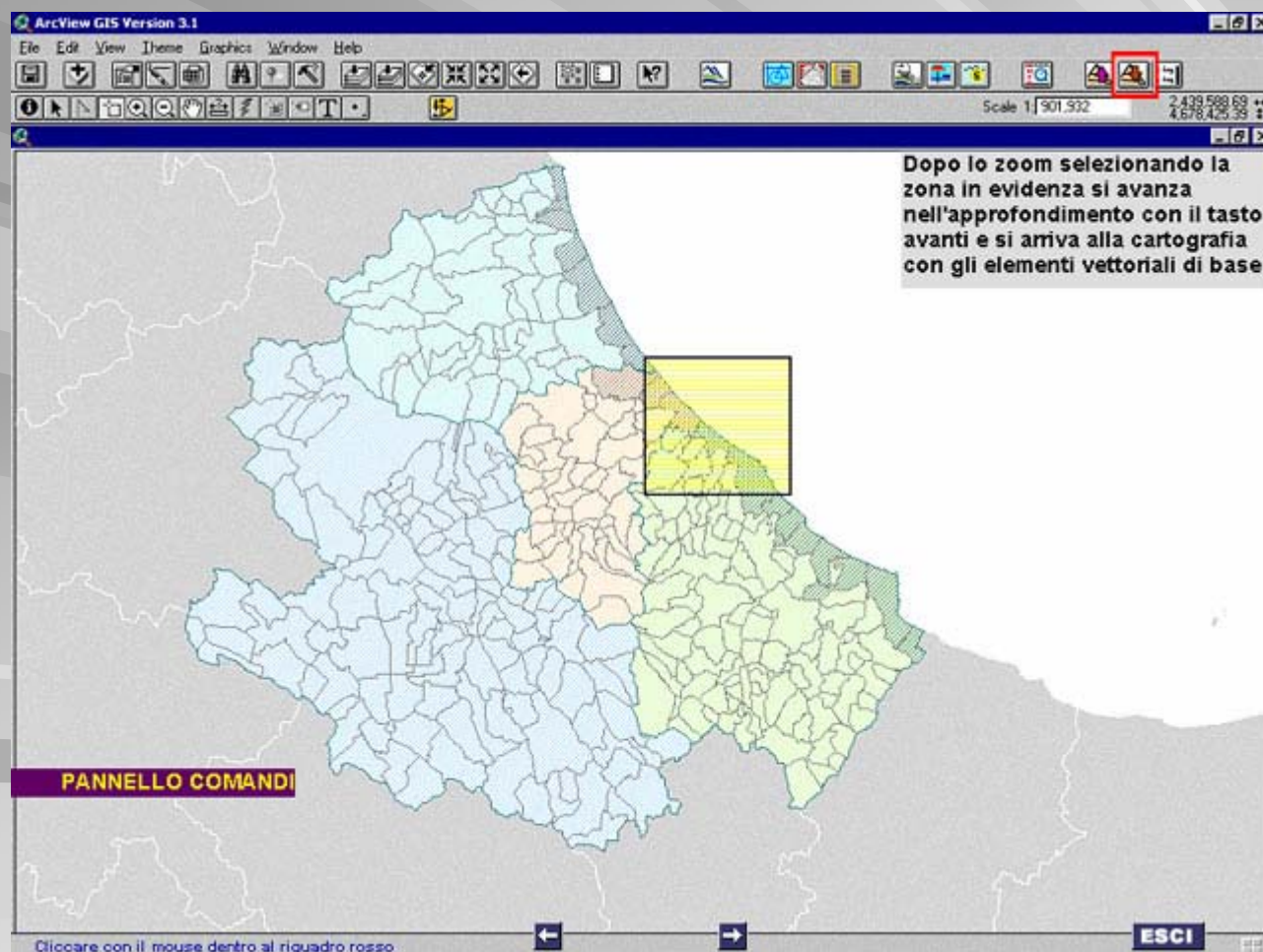
- *Realisation of priority DB*
- *Realisation of Topographical Database of General Interest (DBPrior 10K)*
- *Realisation of the Geodetic Network at 7 km*



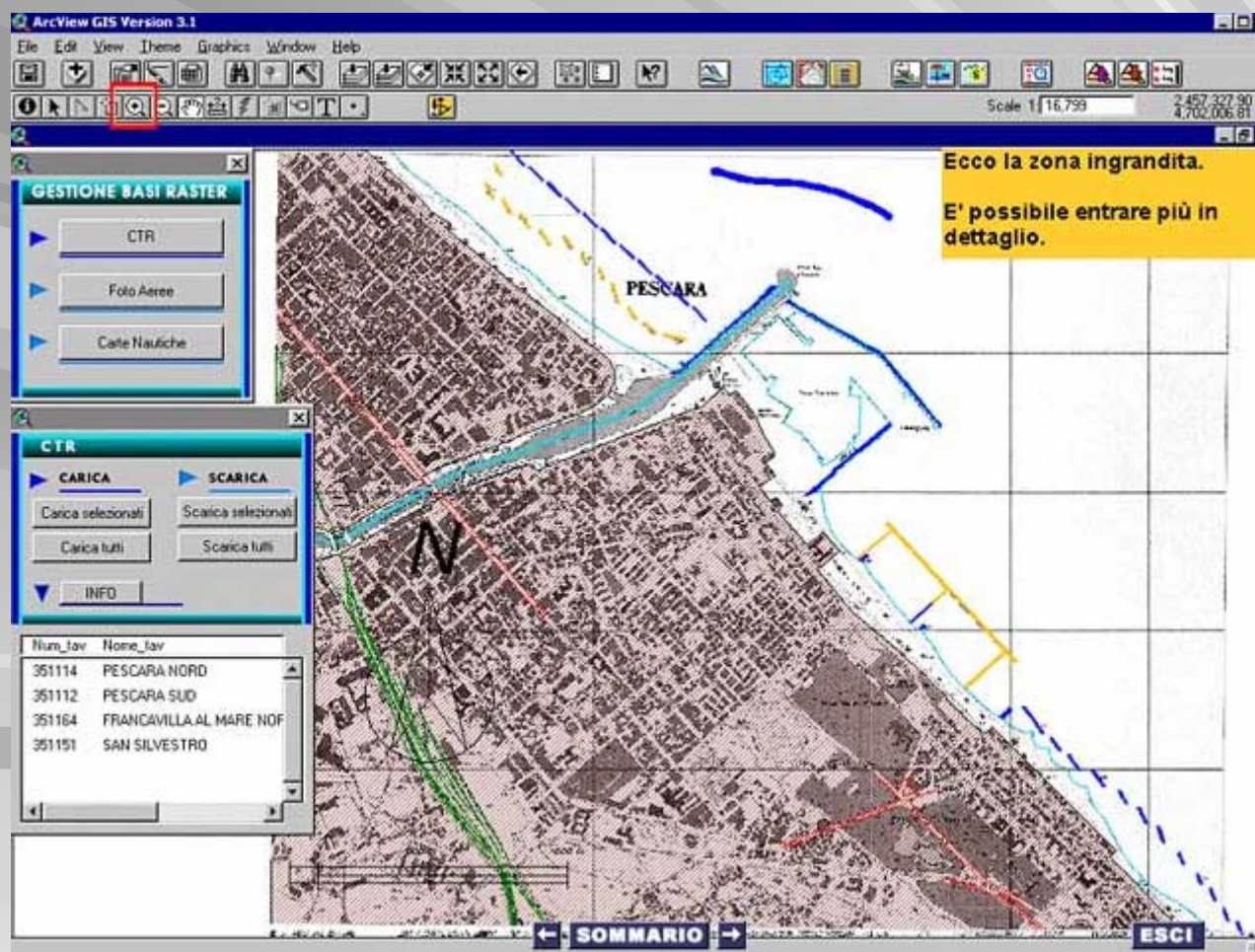
Framework Programme Agreement and E-government National Plan

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**

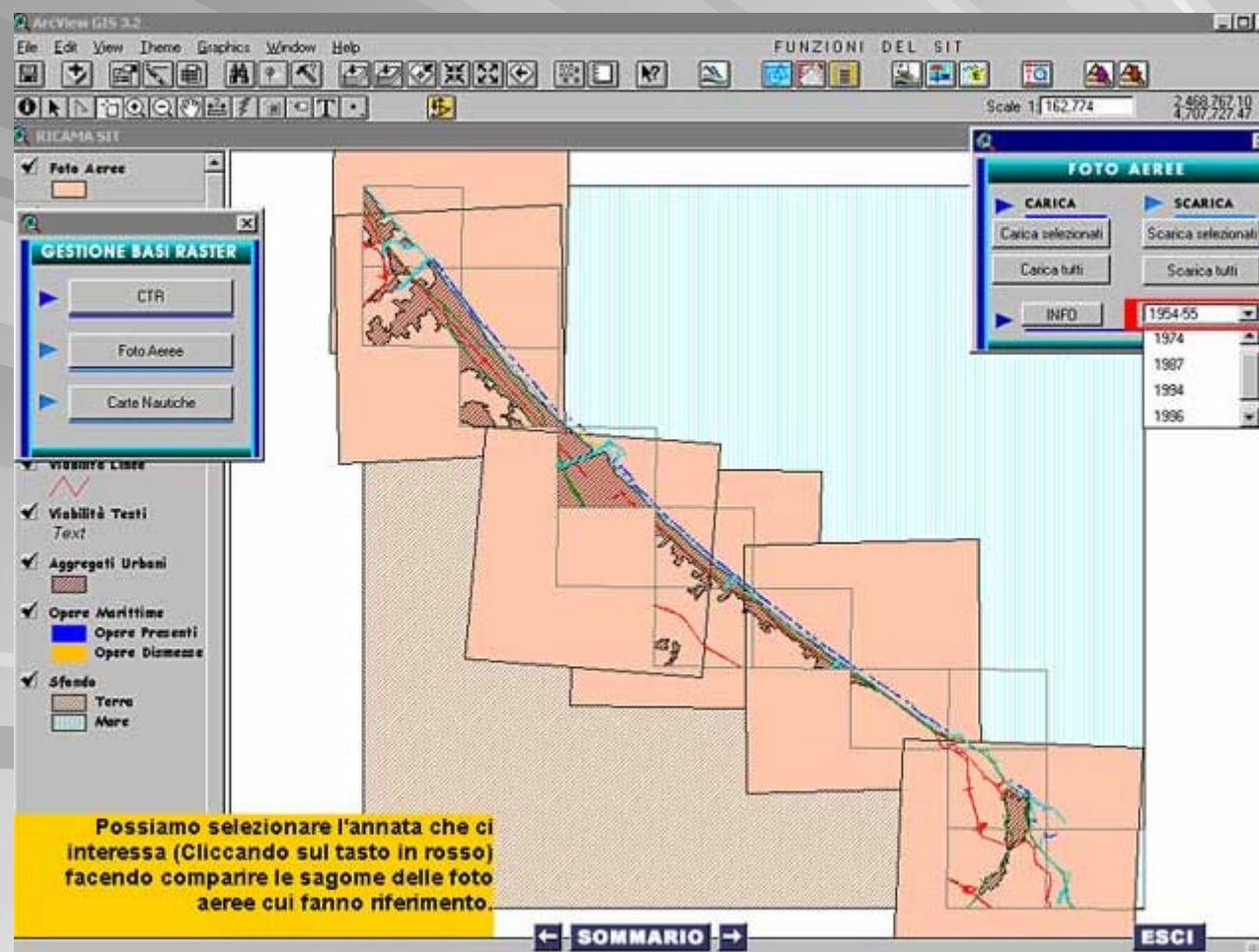
R.I.C.A.M.A. RATIONALE FOR INTEGRATED COASTAL AREA MANAGEMENT



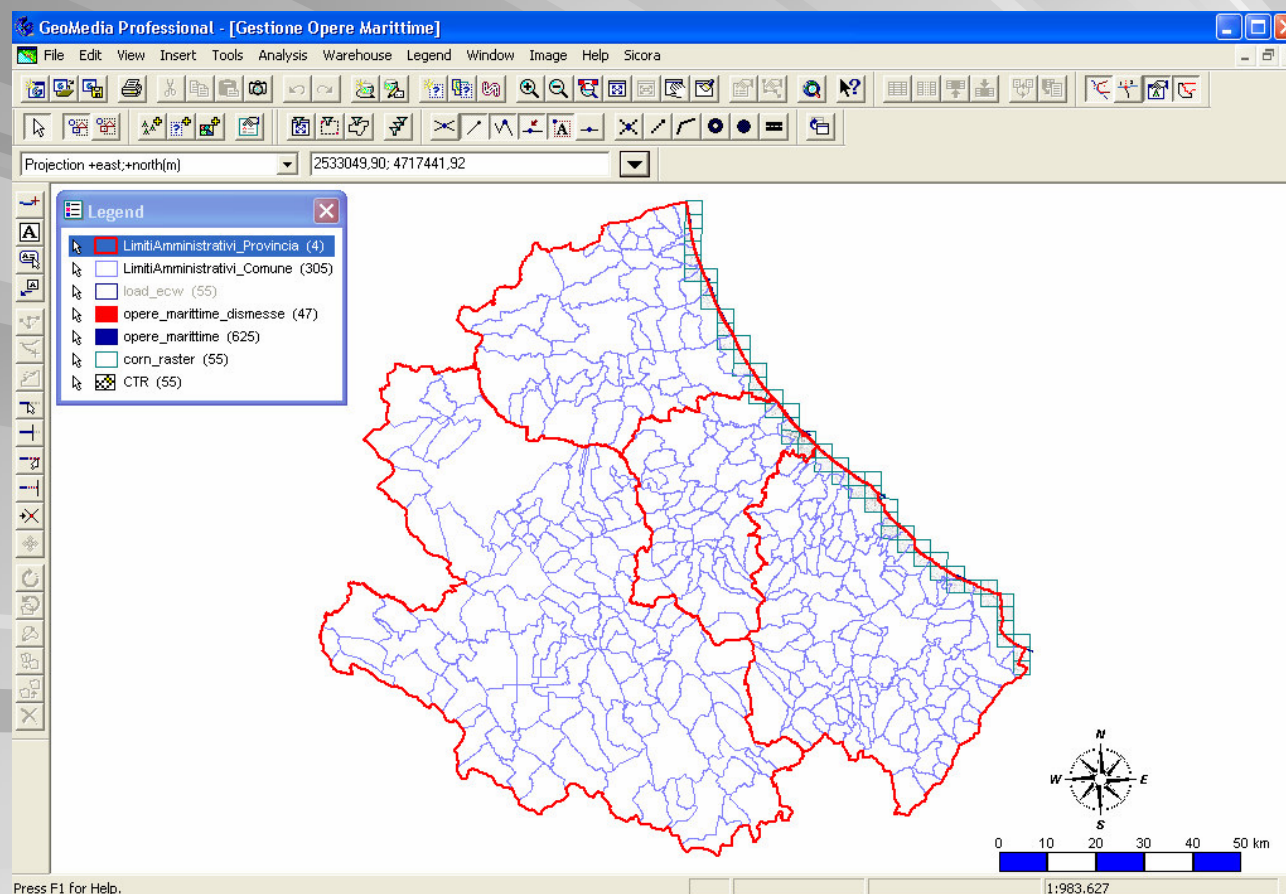
RATIONALE FOR INTEGRATED COASTAL AREA MANAGEMENT



R.I.C.A.M.A. RATIONALE FOR INTEGRATED COASTAL AREA MANAGEMENT



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***