# IPROMO Aut. Province of Bolzano/Bozen South Tyrol Regional development – management of natural resources, water and energy policy



Karl Rainer 17.07.2013, Ormea

### General aspects

- \* the geographical position of South Tyrol
- \* the population
- \* South Tyrol in the context of Italy, the EU and globalization
- \* the key principles of regional development
- \* the magic of variety
- \* energy resources the wealth of water
- \* a concluding overview the history of a success

## Geographical position

- \* border land in the very Northern Italy
- \* 7.400 km<sup>2</sup>
- \* 14% of the land lower than 1.000 m sea level 64% over 1.500 m
- \* continuously settled land 9% of the area
- \* on 6% of the provincial area work 85% of population







#### Water power

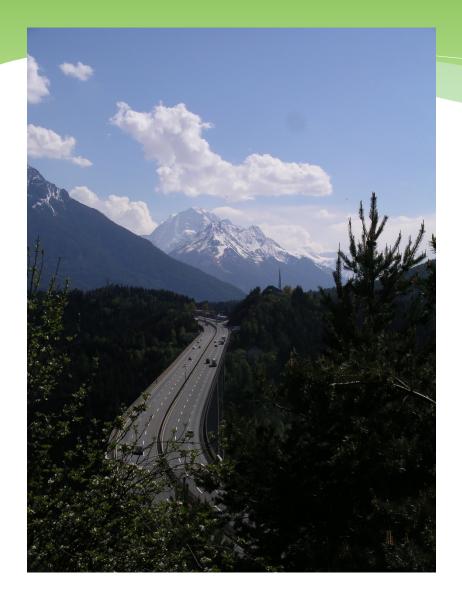


# About 250 hydropower stations produce 4.450 GW-h a year



The rest of the village Graun after the construction of the artificial lake for generating electricity

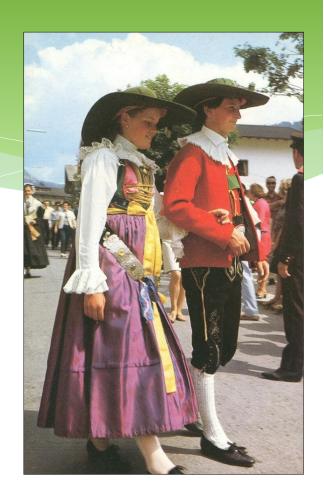
## Transit land





## Population





- \* capital town Bolzano-Bozen with little more than 100.000 inhabitants
  - \* total population of the Province: 511.000

# The budget of the Autonomous Province: about 5 billions Euro

#### The main expenditures in numbers:

- \* Health care: about 1.200 millions
- \* Education: about 650 millions
- \* Municipality finances: about 502 millions
- \* Family, social services, housing: about 445 millions
- \* Economical promotion (handicraft, tourism): about 200 millions
- \* Transport and public construction, infrastructure, civil defence: about 335 millions
- \* Agriculture: about 90 millions
- \* Historic preservation and culture: about 75 millions
- \* Forestry and mountain resource management: about 45 millions
- \* Environmental and soil protection: about 36 millions
- \* Water resources and energy: about 36 millions

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PARTE PRIMA E SECONDA

62. JAHRGANG ERSTER UND ZWEITER TEIL

#### BOLLETTINO UFFICIALE - AMTSBLATT



V.Nr.

12 gennaio 2010 Supplemento n. 4 2

12. Januar 2010 Beiblatt Nr. 4

#### SOMMARIO

INHALTSVERZEICHNIS

Anno 2009

Jahr 2009

#### SUPPLEMENTO N. 4

#### Deliberazioni

Provincia Autonoma di Bolzano - Alto Adige

DELIBERAZIONE DELLA GIUNTA PROVINCIALE del 21 dicembre 2009, n. 3088

Modalità per la registrazione dei rifiuti e per la redazione dei formulario di identificazione dei rifiuti e della conferma scritta

#### BEIBLATT NR. 4

#### Beschlüsse

Autonome Provinz Bozen - Súdtírol

EESCHLUSS DER LANDESREGIERUNG vom 21. Dezember 2009, Nr. 3088

Modelitäten zur Registrierung der Abfalle und zur Abfassung des Abfallbegleitscheins und der schriftlichen Bestätigung

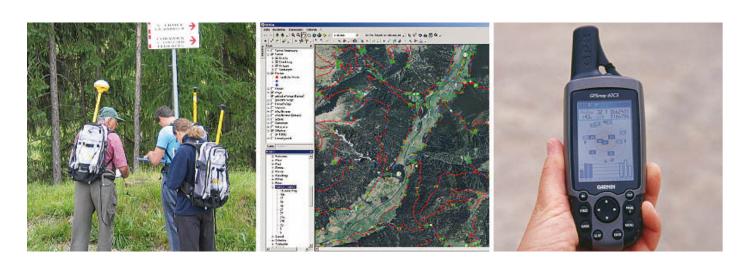
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# Key principles of regional development

The alpine associations provide for the realization and marking of 17.000 km of hiking paths







- \* 97% of the enterprises are small or medium-sized with an average of about 4 employees
- \* high density of enterprises related to the residents: 115 per 1.000
- \* low employment of academics (less than 5%)









#### LEADER +

- \* linkage of development measures for rural economy
- \* Leader follows an integrational strategy, realizing linked projects proposed by a bottom-up method









LEADER +





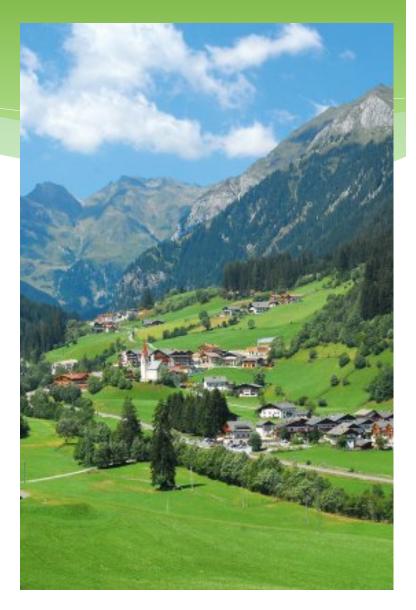
## Arge Alp



Transfrontier working community of German, Italian, Austrian and Swiss regions – planning and managing the common future

## Ratschings











## Key data concerning agriculture

- \* a total of 26.600 enterprises:
  - 14.000 livestock farming
  - 8.524 fruit-growing
  - 4.781 wine-growing
- \* 17% of the enterprises with less than 1 ha land, only 3,28% dispose of 50-100 ha and 21% of 2-5 ha
- \* products:
  - 1.2 millions liters milk delivered daily, 2/3 of dairy products are exported
  - 1.2 millions tons of apples a year, about 3.000 tons of pears and soft fruit
- \* 40-45% of the Italian apple production and about 12% of the EU apple production (storage capacity 750.000 t)





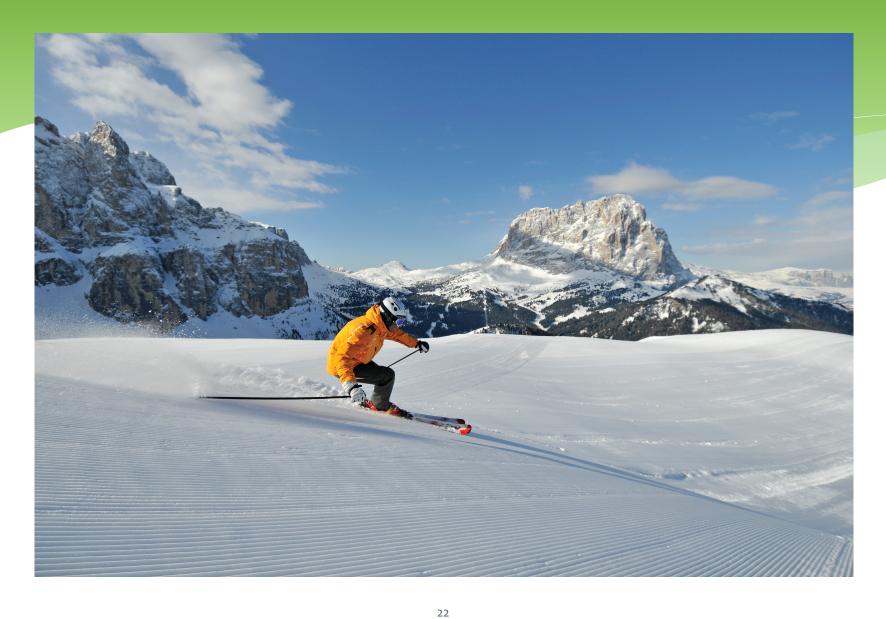


#### \* 2.821 farms with rural holiday structures

# Integrational income through tourism activities



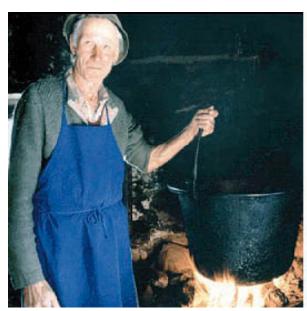




# Preservation of the uniqe cultural landscape, with its variety in flora and fauna



# Traceability of agricultural food products







#### On 5.244 ha flourishes fruity wine

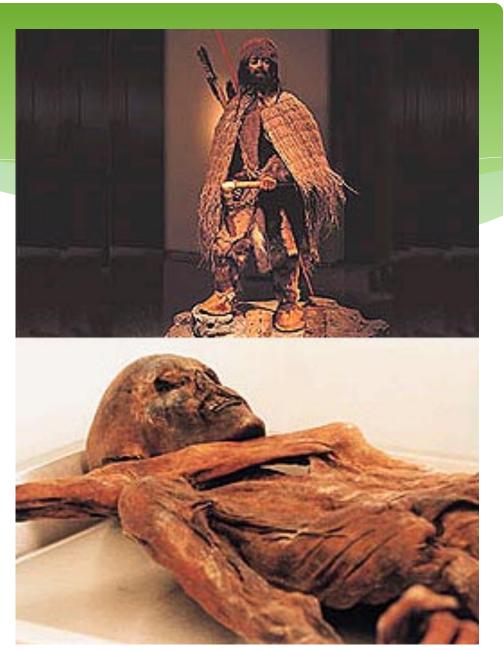


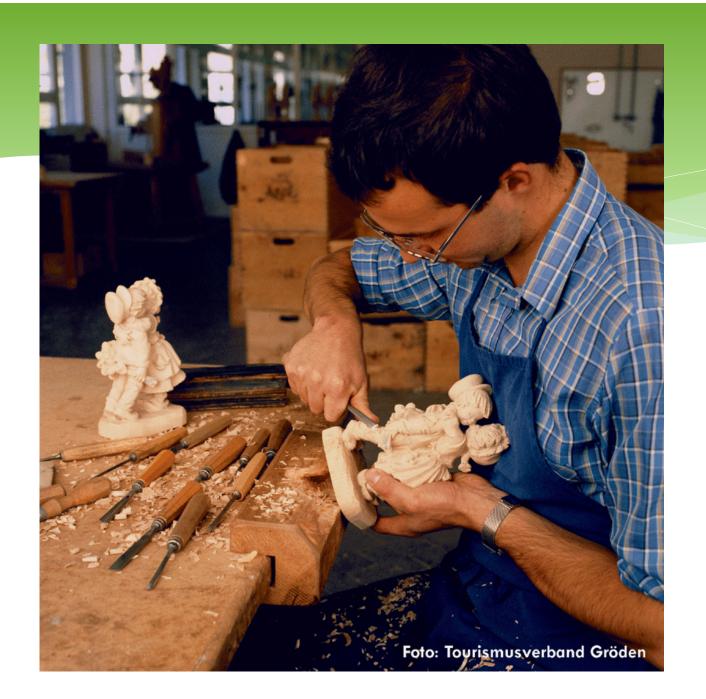




- \* 32.6 hl wine, 57% white wine
- \* 96% are DOC-wines

## The glacier mummy Ötzi



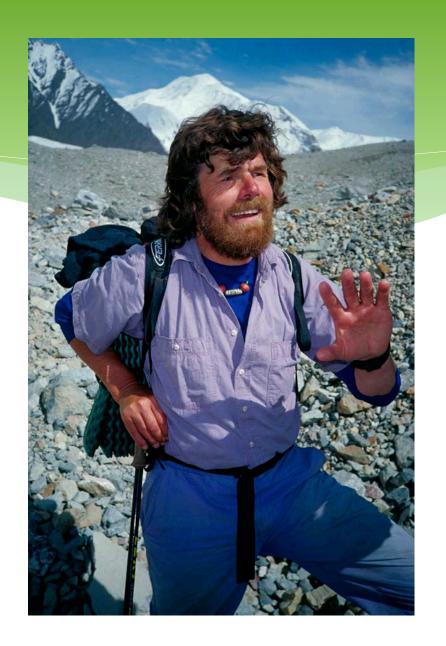


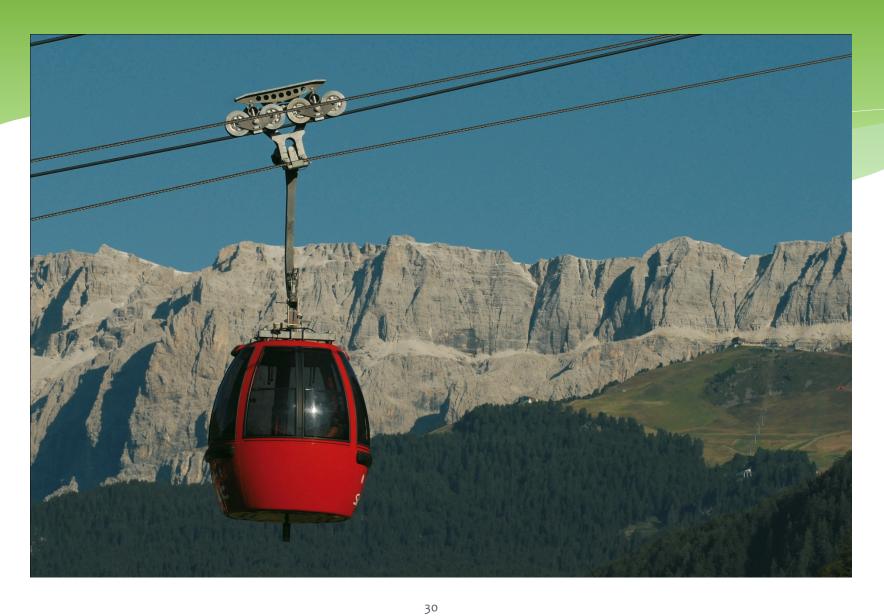


- \* South Tyrol is a paradise for bikers
- \* There are 1.050 km bicycle paths in marvellous valleys
- \* You can hire a bike in Bolzano-Bozen and cross the Province in all directions

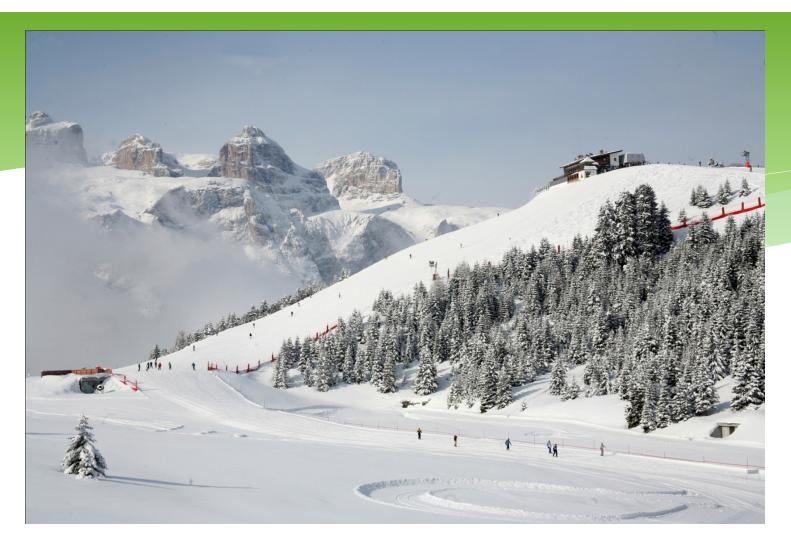
# Fellow countrymen with international fame

extreme mountain climber Reinhold Messner









- \* 3.686 ha of ski slopes
- \* 75% of them are equipped with snow cannons



## Energy





#### A success story in numbers

#### \* 1975-2005

- 11% increase of the number of residents
- 44% increase of employees
- the average yearly income of an employee rose from 2.400€ to 34.000€ (+1.300%)
- the GDP increased from 570 Mio. € to 12.150 Mio. €
- the provincial budget 1975 = 60 Mio. €, 2004 = 4.400 Mio. €, 2010 = 5.200 Mio. € due to the assumption of more and more areas of responsibility by the Province
- \* 2007: the average income per head in South Tyrol exceeds the EU-average by 46%

# Some more impressions of South Tyrol

