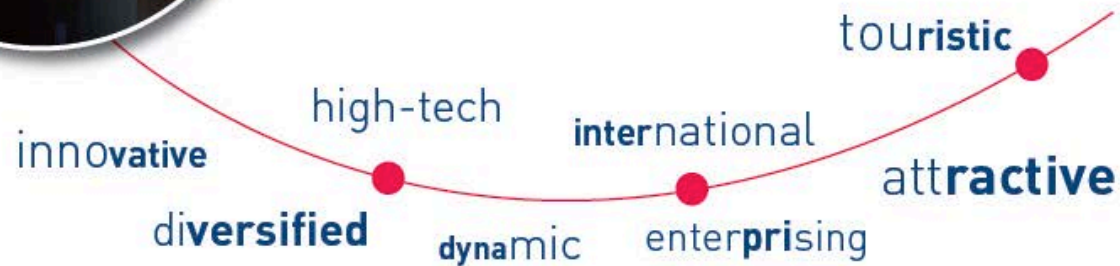




The Economy of the Grenoble metropolitan area





- Assets
- Economic activities
- Key sectors
- Centers of excellence
- Promising projects
- Leading companies
- An innovating CCI

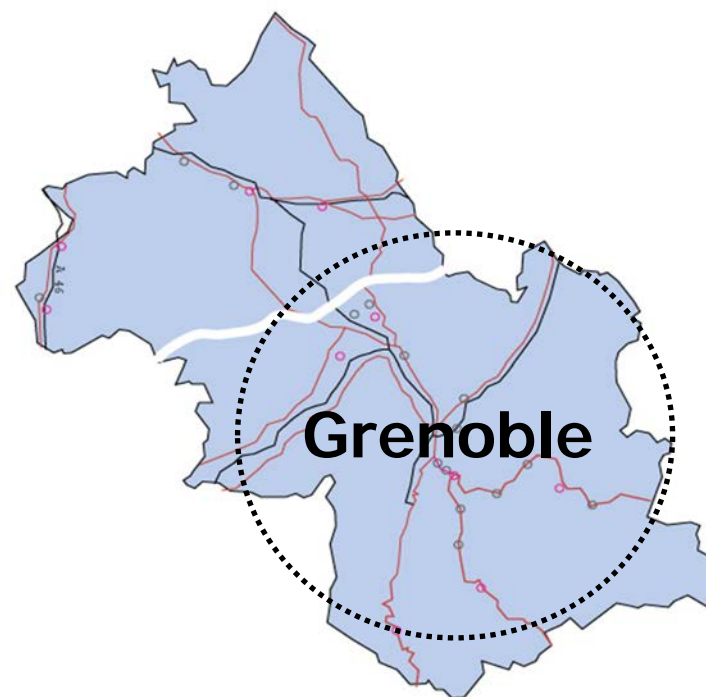
France's 11th largest metropolitan area for its population.

- Concentration of strategic jobs
- Highly skilled workforce
- An international gateway open to the world



France's **11th largest** metropolitan area for its population.

- The southernmost **two-third** of Isère department – French county
- **745,800** inhabitants, 1 in 8 Rhône-Alpes residents
- Grenoble is the Capital of the French Alps





- *Assets*

- Economic activities
- Key sectors
- Centers of excellence
- Promising projects
- Leading companies
- An innovating CCI

5th **largest student** metropolitan area in France.

- **33 % of the population under 25** (31 % in France)
- **61,130 students, including 10.4 % from abroad**
 - 4 universities and 9 top level schools - prestige university-level college – including Grenoble INP
 - Grenoble Business school, 6th in the prize list of Business schools (Le Figaro, 2013)
 - A certified innovation campus
- **18.4 % of corporate leaders and executives** (15.7 % in Rhône-Alpes Region)
- **1st urban area with regard to employment in technological innovation sectors**
- **1st in research employment**
- **2nd in engineering employment**
- **4.4 % of the Research** employment relates to public employment in Isère (1.6 % in France)



Largest public research center in France after Paris and its surrounding region.

- **Scientific community and facilities internationally renowned**
 - 25,000 jobs in public and private research – Xerox, Schneider Electric, Alstom Hydro, STMicroelectronics, Orange I@bs ...
 - 13 national or European research centers – CEA, CNRS, INRIA, Leti, ESRF, ILL
- **Know-how and sectors of excellence**
 - Mathematics, physics, multimedia, engineering sciences, biomedical and nanotechnologies
- **Grenoble: 5th most innovative city in the world** (*Forbes 2013*)
 - Grenoble: 200 start-up companies born from research in 10 years
 - CEA – Atomic Energy Center: 2nd patents applicant (after PSA)
 - Grain: 2nd incubator in France
 - Grenoble Angels: 3rd business angels network in France in 2013



An attractive region **open to the world.**

- Isère: **13th exporting department** – county – in France
19th importing
- Represents **over 21 % of all trade** in the Rhône-Alpes region
 - Exports:** 9.7 billion Euros (in 2013)
 - Imports:** 9.5 billion Euros (in 2013)
- **First trading partners:**
Germany, Spain, Italy, United States, China
- **470 companies with foreign-owned capital** which means **41,000 jobs** with substantial U.S. investments (13,000 jobs in 122 companies)
- Over **1,200 exporting companies** in Isère



An **economic environment** in favor of **innovation**.

- A **dense network** of small and medium-sized companies and industries

In traditional sectors:

SDMS, Emboutissage du Mail, Minitubes SA, Trixell....

On high-technology markets:

Memscap, Beckman Coulter France, Metrologic Group, Gorgy Timing, Axane, Xenocs, RYB, Delta Drone

- Presence of **large corporate groups**

Schneider Electric, STMicroelectronics, Caterpillar, Hewlett Packard and BD representing 10% of all (private) jobs in the Grenoble metropolitan area

- A **dynamic entrepreneurial environment**

2,657 companies created in 2013 - **industry, trade and service**

1,826 new registrations in **craft industries** in 2013



Diversified communication infrastructures.

- **252 km** of **highway**
- **Paris less than 3 hours** away by **TGV**
- Close to **3 international airports**
Lyon-Saint Exupéry - Geneva - Grenoble-Isère



Competitive tools dedicated to companies.

- **A great number of business zones with a wide range of options:**
 - **Technologic and scientific parks**
Inovallée in Meylan-Montbonnot, Polytech in Grenoble, Biopolis in La Tronche...
 - **Industry-oriented zones**
Centr'Alp, Grenoble Air Parc...
 - **Business centers for service activities**
Europole...





- Assets
 - *Economic activities*
- Key sectors
- Centers of excellence
- Promising projects
- Leading companies
- An innovating CCI

Companies focused on **wealth creation**.

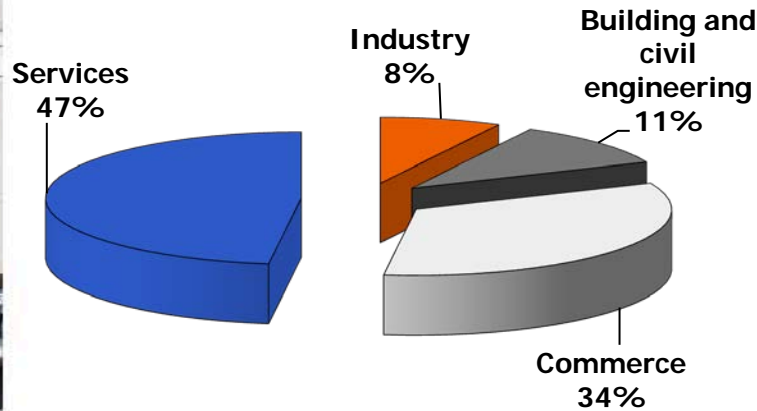
- **28,385** industrial, commercial and service **firms** in the Grenoble metropolitan area
- **13,300** craftsmen
- **3,008** farmers
- **Over 323,000 jobs**
- 227,650 employees including **164,154** in industrial, commercial and service **firms**



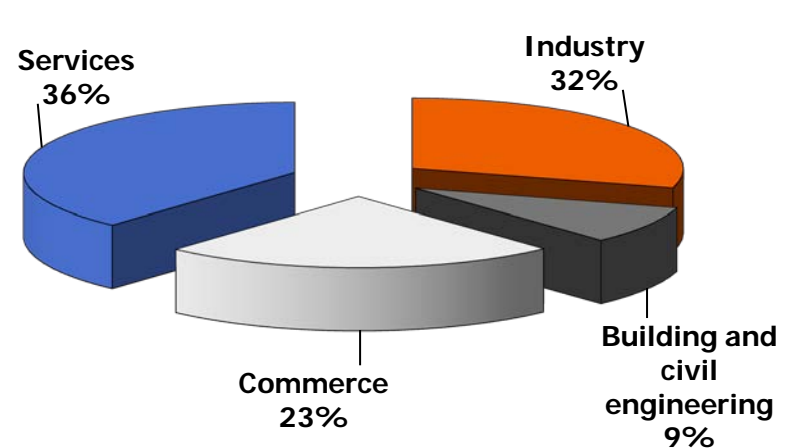
Industry, trade and services in the Grenoble metropolitan area.



28,385 firms



164,154 employees



Source : Grenoble Chamber of Commerce and Industry - January 2014



- Assets
- Economic activities
 - *Key sectors*
- Centers of excellence
- Promising projects
- Leading companies
- An innovating CCI

A **diversified** economic landscape.

- **Industry is a driving force of Isère's economy**

- **An expansive tertiary sector**

High added value business-to-business services (consulting, computer services, software...)

- **An intensive commercial activity and pioneers in e-commerce**

Spartoo, Made in Design...

- **Isère: an attractive touristic department**

22 **winter sports resorts** including 12 **internationally renowned** - Alpe d'Huez, les 2 Alpes, Chamrousse, Villard de Lans...

It ranks 17th among the most visited departments in France in 2012.

Many sports and leisure equipment industries: Poma, Petzl, Rossignol...





- Assets
- Economic activities
- Key sectors
 - *Centers of excellence*
- Promising projects
- Leading companies
- An innovative CCI

Flagship facilities and **centers of excellence.**

International high tech clusters:

- **Information and Communication Technologies: Minalogic**

40,000 jobs including 25,000 in electronic and micro-nanotechnologies
15,000 in computer technologies and software
5,000 in public research

6,800 students

- **Medtech and Healthcare: Lyon Biopole, Medic@Ips**

10,000 jobs including 7,700 in industry and 2,300 in research.
5,000 students

- **New Energy Technologies : Tenerrdis**

12,000 jobs including 2,000 in research
1,200 students





- Assets
- Economic activities
- Key sectors
- Centers of excellence
 - *Promising projects*
- Leading companies
- An innovative CCI

Promising projects.

■ GIANT : Grenoble Innovation for Advanced New Technologies

A campus dedicated to innovation: 3 development approaches

- ✓ **Energy** (GreEN)
- ✓ **Health** (Nanobio)
- ✓ **Communication / communicating objects** (Minatec)

The peninsula: 250 hectares dedicated to research, innovation and high level education; located at the center of a new district involving industries, accommodations and business.

A 1.2 billion Euros investment by 2015.

■ IRT Nanoelectronic - technological research institute

As part of the national big loan (investment for future), Grenoble was chosen in 2011 to welcome an IRT, **tool of excellence** aimed to international industries and research development in nanotechnologies. A total investment about **460 million Euros in 10 years**, of which 50 % financed by the private sector.



Promising projects.

- **Eco-district: ZAC (joint development zone) of Bonne in Grenoble**

National Grand Prix of eco-district. A new district complying with social mixity, accessibility, energy efficiency of buildings.

- **Sustainable development and energy management**

To manage energy differently

- ✓ **Smart grids** (smart network and electric system)
- ✓ **Energy efficiency for buildings:** HQE buildings (High Environmental Quality), with positive energy
- ✓ **Electrical energy storage** (battery)





- Assets
- Economic activities
- Key sectors
- Centers of excellence
- Promising projects
 - *Leading companies*
- An innovative CCI

- A great number of **leading** companies.

Industry

Schneider Electric, world leader in electrical equipment

STMicroelectronics, integrated circuits and microelectronics

HP, computers

Caterpillar France, levelling work and industry constructions

Radiall, mechanical and telecommunication equipment manufacturing

A. Raymond, fastenings for car industry

Winoa, abrasive shot penning

BD, medical and surgical equipment

Ciments Vicat

Soitec, microelectronic materials

Allimand SA, paper machine

Legrand France, electrical equipment

Cezus AREVA, metalworking for nuclear power station

Arkema, chemistry

Groupe Dauphiné Libéré, daily regional press ...



- A great number of **leading** companies.

Research

Xerox Research Center Europe, researches in processing language
Oracle France, and its global telecommunications software research center
Orange L@bs, communicating objects
Biomérieux, R&D diagnostics in vitro molecular biology
Air Liquide DTA, aeronautics and defence industry research
Constellium CRV, aluminium R&D
Arc Nucleart, carbon-14 dating laboratory ...
Salesforce.com, R&D innovative research technologies

Corporate services sector

Artelia, hydraulic engineering
Capgemini, consulting in management and IT services
Sogeti High Tech, IT services
Groupe Open, systems integration and engineering
Hardis, software and computer services
IT&L@BS (Silicomp), computer engineering
Atos Worldgrid, computer services and solutions ...



- A great number of **leading** companies.

Trading and distribution

Groupe Go Sport, sport goods, clothing and equipment

Groupe King Jouet, games and toys

Samse, material for construction and construction industry

Kéria, lighting ...

Tourism and mountain industries

Rossignol and its sports goods

The **Petzl**'s harnesses

The **Pomagalski**'s ski lift

Editions Glénat

Sidas production, orthopaedic soles for athletes ...

Online Shopping

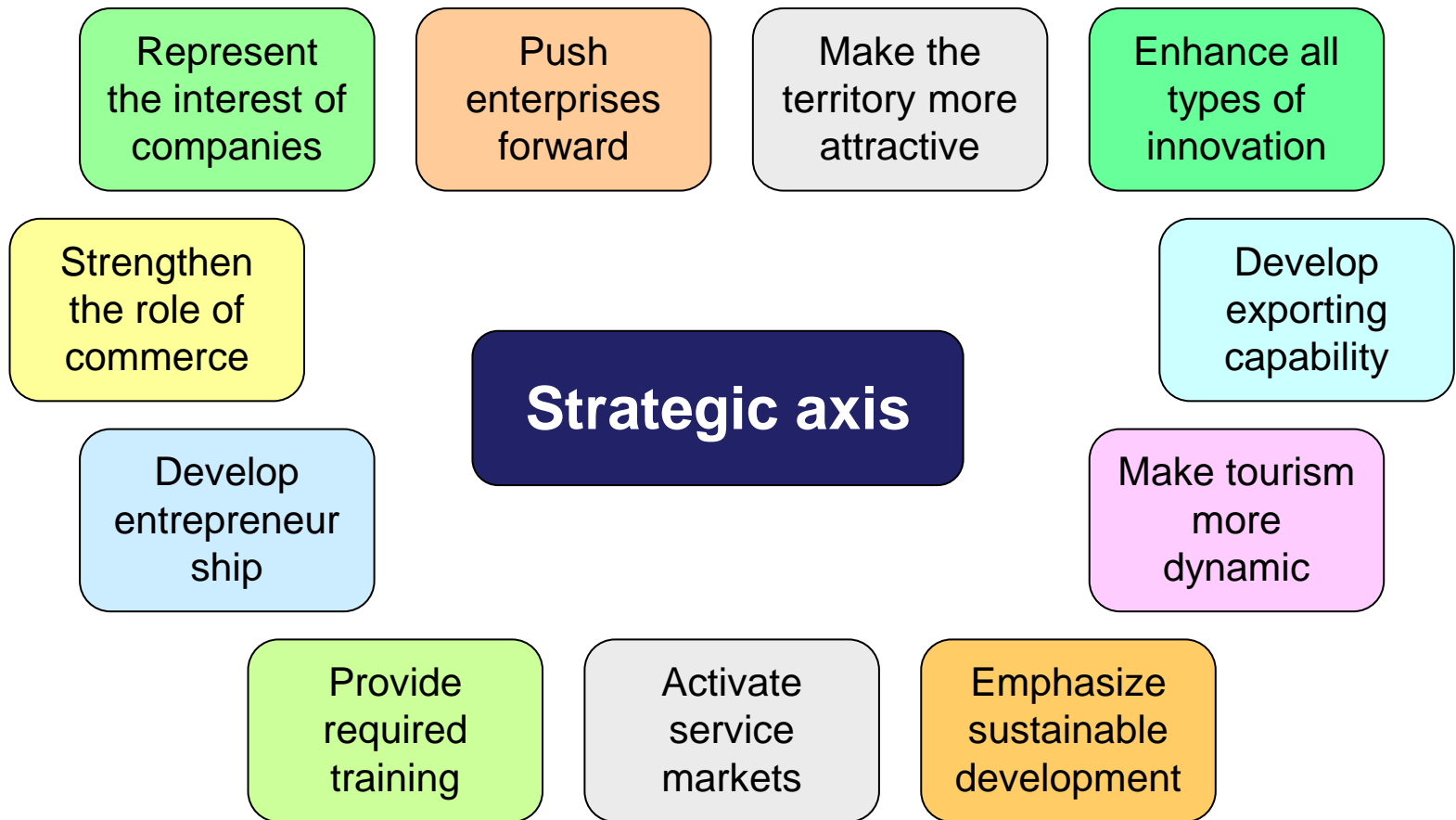
Spartoo, pure player online shoes sales





- Assets
- Economic activities
- Key sectors
- Centers of excellence
- Promising projects
- Leading companies
- *An innovative CCI*

The Grenoble CCI: a strategy focused on economy



The Grenoble CCI: where anticipation is a keyword

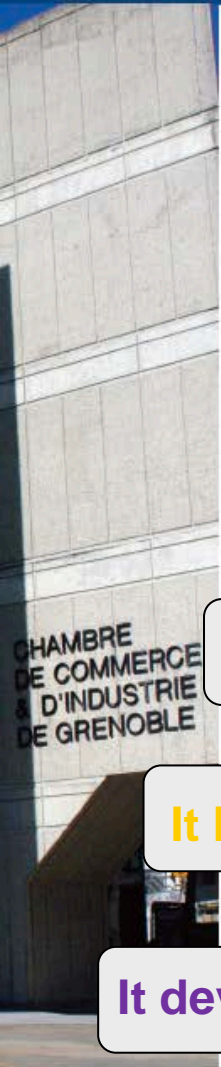
The CCI is involved in the great projects of the territory as *GIANT*

It prepares the school of the future and trains entrepreneur managers

It profits by the expertise of its local partners and registered companies

It has definitely decided to lead the evolution towards the future digital CCI

It develops economic animation through virtual and physical networking...





The Economy of the Grenoble metropolitan area

Photo credits: Fotolia – Jupiter Images

Produced by: Grenoble Chamber of Commerce and Industry economic information department – April 2014

