

Mobility industries



@ Grand Besançon Métropole
Jean-Charles Sexe



@ Magny-Cours



@ Agence Écosphère - Lionel Souci



@ Peugeot 3008 - Stellantis



A STRATEGIC POSITION IN EUROPE

With its business parks, infrastructure and business services, Bourgogne-Franche-Comté creates ideal conditions for the successful completion of your projects.

AN EASILY ACCESSIBLE REGION



POPULATION

2.8 MILLION
42 MILLION INHABITANTS
WITHIN 4 HOURS' DRIVE



EDUCATION

86,000 STUDENTS
30,000 YOUNG PEOPLE
IN APPRENTICESHIP TRAINING



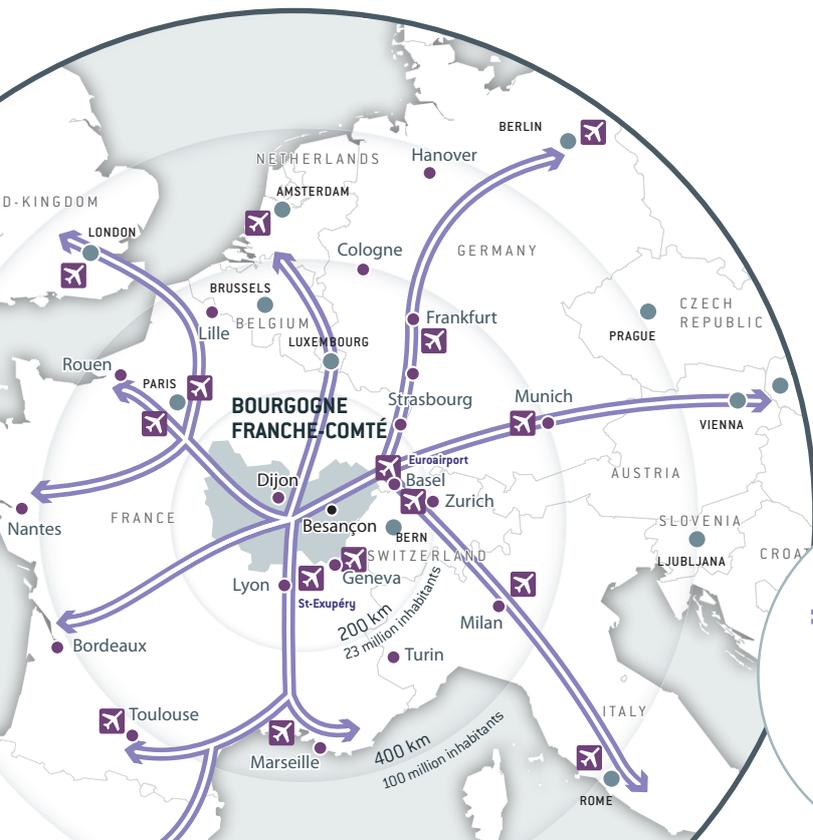
BUSINESSES

367,200 BUSINESSES
19,300 INDUSTRIAL ESTABLISHMENTS



JOBS

1.3 MILLION PEOPLE IN THE WORKFORCE



No.1

INDUSTRIAL REGION
IN TERMS OF JOBS
(1 EMPLOYEE IN 5)

2nd

REGION FOR
THE **SHARE OF INDUSTRIAL**
ADDED VALUE

3rd

EXPORTING REGION
(COVERAGE RATE)

81.7

BILLIONS OF EUROS OF
GDP AND €21.3 BILLION
IN EXPORTS



For more details on the numbers in this chapter, you can flash this QRCode



REGIONAL SUPPORT FOR MOBILITY INDUSTRIES

THE REGION'S STRATEGIC FRAMEWORKS FOR MOBILITY



An Automotive Roadmap (2022) to support change in the industry

An automotive and mobility **competitiveness cluster:** Pôle Véhicule du Futur



A rail cluster Mecateamcluster, specialising in rail maintenance

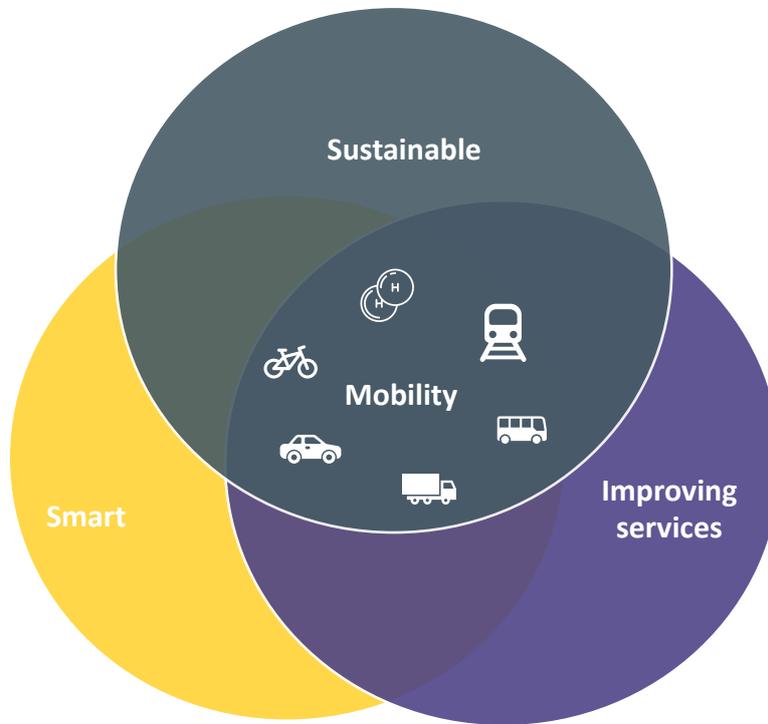


A Hydrogen Roadmap (2019) to support mobility decarbonisation, etc.

[Discover the hydrogen brochure](#)



A Bicycle Plan (2020) to list courses of action and improve the scope and efficiency of policies implemented by the Region



One of the region's ambitions is to support innovation by developing sustainable, smart and connected mobility solutions. This is one of the six areas of specialisation in the Regional Innovation Strategy towards Intelligent Specialisation, "RIS 3" 2021–2027, which is based on 4 differentiating factors:



Designing and manufacturing components for the vehicle electrification value chain



Creating high-performance, reliable electrical energy storage solutions



Designing and manufacturing smart, connected vehicles, machinery and solutions



Deploying innovative mobility services

Hydrogen for the energy and economic transition is also one of the Region's areas of specialisation, and developing mobility applications is a key issue.

See the RIS 3 presentation



OVERVIEW OF THE ECOSYSTEM



EXAMPLES OF COMPANIES INVOLVED

Geebee
SMA Concept

Look Cycle
Cycles Lapierre
Protoform Bourgogne
Groupe Virage
ELCAM Usinage
SEB
Saviplast 89
Michelin
Douze Cycles

Peugeot
Motocycles

Stellantis
SAB
Michelin
Delfingen
Forvia
Streit
JTEKT
Baud Industries

TEEPARK

Aero Concept
Engineering
Divia Vélo
VéloCité
Optymo

EXAMPLES

COMECA Group
SEGULA Technologies
Capgemini Technology
Exact Systems

SUPPORT AND MENTORING STRUCTURES COMPETITIVENESS AND PERFORMANCE



SUCCESS STORIES

1898

PEUGEOT
PRESENTS
ITS FIRST
MOTORBIKE

1912

**SOCHAUX
AUTOMOTIVE
PRODUCTION SITE**
BUILT

1928

START OF **ALSTOM**,
DESIGNER
OF THE TGV

1946

CYCLES LAPIERRE
LAUNCHES
PRODUCTION IN
DIJON

1951

LOOK CYCLE,
DESIGNER OF THE
CARBON FRAME, SETS
UP IN NEVERS



OVERVIEW OF THE ECOSYSTEM

** non-exhaustive lists*



MOTOR SPORT

IN MEANS OF MOBILITY*

Michelin

Michelin

ALSTOM

Ligier Automotive

Fiat Powertrain

Jeanet
Élastomères

Mygale

Magyar

Metalliance

ORECA

Fruehauf

Sumitomo
Riko

EXAGON
Engineering

Packmat

DELAGE

Circuit de Nevers
Magny-Cours

OF SERVICE COMPANIES*

Optymo

RAVE

Ateliers de Joigny

Divia

XPO Logistics

SOCORAIL

Ginko

Geodis

SNCF Technicentres

Mobigo

Schiever

Logi-Railway

Transdev

Matawan



IN BOURGOGNE-FRANCHE-COMTÉ

1972

ALSTOM BELFORT IS THE FIRST PRODUCTION SITE FOR THE FIRST HIGH-SPEED TGV TRAINS

2012

DOUZE CYCLES, EUROPE'S LEADING MANUFACTURER OF CARCO BIKES, SETS UP IN DIJON

2019

SEB ASSEMBLES CONNECTED ELECTRIC BIKES IN DIJON

2022

THE **STELLANTIS SITE IN SOCHAUX** BECOMES THE MOST EFFICIENT IN EUROPE



AUTOMOBILES / BUSES / TRUCKS

The automotive sector accounts for around a third of industrial jobs in Bourgogne-Franche-Comté, encompassing both mass production and competition. The industry is facing significant disruption as a result of regulatory changes aimed at phasing out CO²-emitting vehicles in Europe, plus cyclical fluctuations and changes in mobility habits. In order to help each subcontractor in this sector meet the challenges of decarbonisation and to boost their competitiveness, the Region, together with the French State, has set up the Force d'Intervention pour la Mutation de l'Automobile (FIMA), in coordination with the Pôle Véhicule du Futur's activity programmes (strategies for growth areas such as electromobility, hydrogen, the circular economy, etc.).

KEY FIGURES



370 BUSINESSES



38,500 EMPLOYEES

THE CAR / BUS / TRUCK INDUSTRY IN BOURGOGNE-FRANCHE-COMTÉ



Research and Development



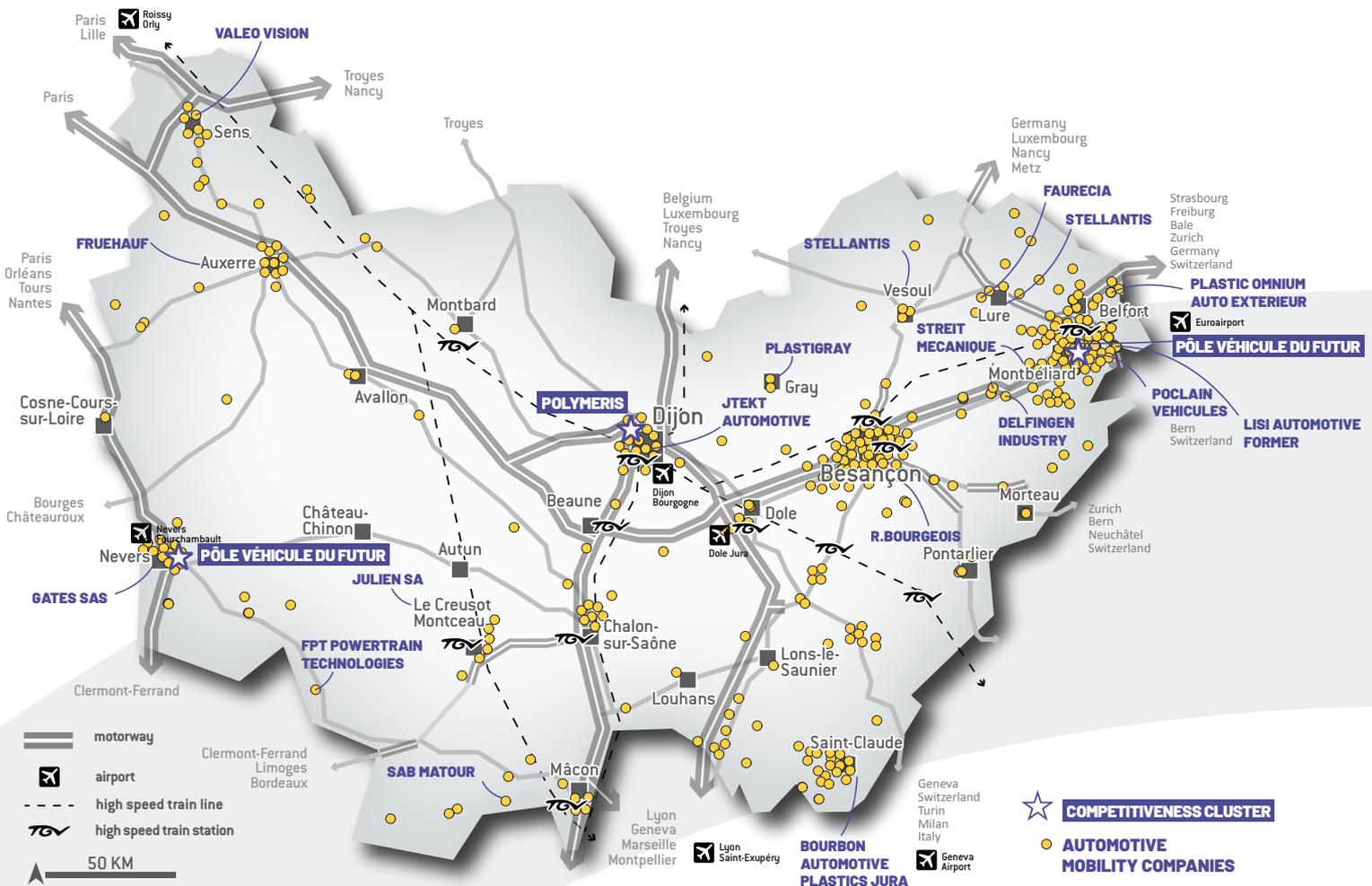
Manufacture of sub-systems and vehicles



Competition



Recycling and reuse





RAIL

Bourgogne-Franche-Comté is establishing itself as a leader in the modernisation and decarbonisation of rolling stock. Smart infrastructure maintenance activities, rail recycling centres and projects to refurbish light rail services using reused or reconditioned components demonstrate the sector's responsible approach.

KEY FIGURES



150 BUSINESSES



8,500 JOBS

RAIL SECTOR IN BOURGOGNE-FRANCHE-COMTÉ



Design, manufacture and maintenance of rolling stock



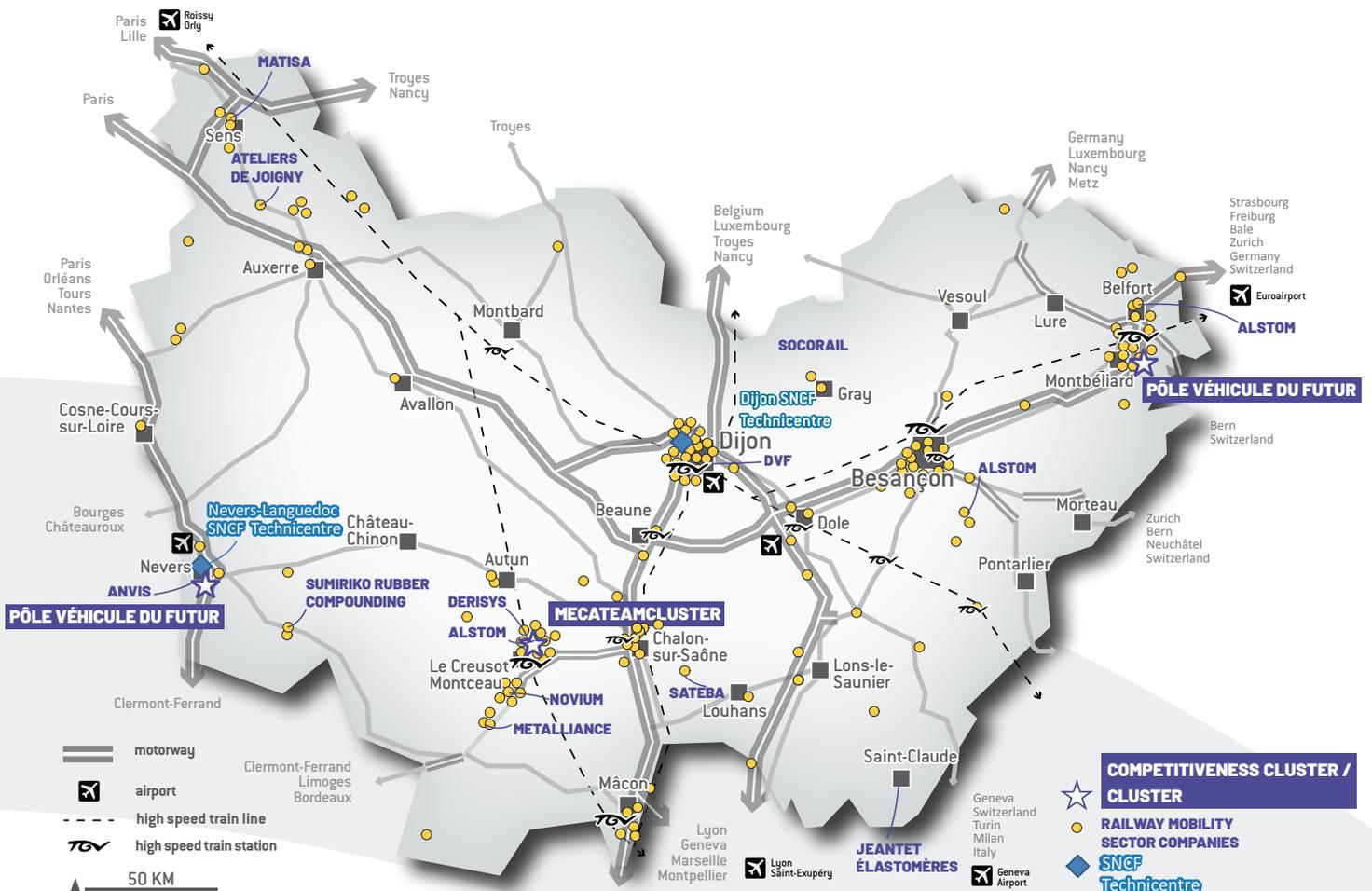
Supplying sub-assemblies and signage systems



Network track maintenance



Freight logistics



COMPETITIVENESS CLUSTER / CLUSTER

RAILWAY MOBILITY SECTOR COMPANIES

SNCF Technicentre



BICYCLES

Soft mobility is an integral part of the regional decarbonisation policy. It counts international players and pioneers in new means of mobility. This is a sector with a strong drive to return to insourcing and for a Made in Bourgogne-Franche-Comté approach.

KEY FIGURES



180 ESTABLISHMENTS
INCLUDING **20 UPSTREAM**
IN THE SECTOR



1,700 JOBS

BICYCLE SECTOR IN BOURGOGNE-FRANCHE-COMTÉ



Services:
- Free floating
- Connected storage



Research
and Development



Assembly



Parts manufacture



14 NEARBY MANUFACTURERS



CANYON - CUBE - FOCUS BIKE



KTM



RIDLEY - EDDY MERKS



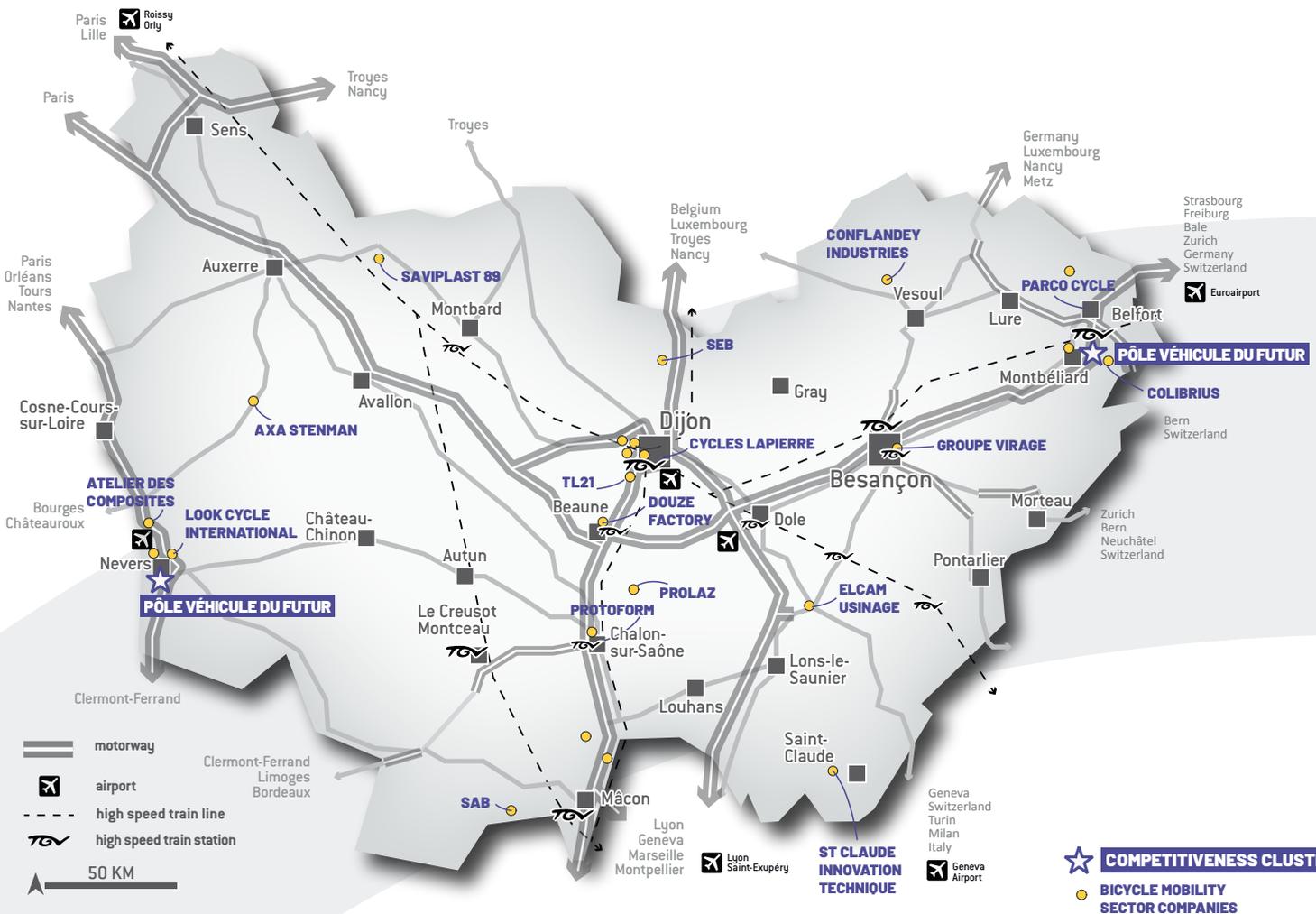
BH



COLNACO - WILIER - PINARELLO - BIANCHI - KUOTA



SCOTT - BMC





EXPERTISE SERVING MOBILITY

DESIGN AND MANUFACTURE OF
ELECTRONIC COMPONENTS

SENSORS FOR PHYSICAL MEASUREMENTS

CYBERSECURITY APPLICATION

ELECTRONIC CARDS

INSPECTION AND
SERVICING OF
ROLLING STOCK

DESIGN AND
PRODUCTION OF
RACING CARS

SORTING AND
REWORKING FOR
INDUSTRY

RAIL TRANSPORT OF
GOODS

AUTOMATION, MAINTENANCE,
LINE MANAGEMENT

AUTOMATED SYSTEMS,
CONTROLS, AI

AUTOMATION, ROBOTICS,
INSTRUMENTATION

AUTOMATED PRODUCTION



ELECTRICITY / ELECTRONICS



SERVICES



METALLURGY

ALUMINIUM BICYCLE
FRAMES

ELECTRIC CAR ENGINE
STATORS

FASTENERS FOR
ELECTRIC MOTORS

SEAT MECHANISMS FOR
ELECTRIC VEHICLES

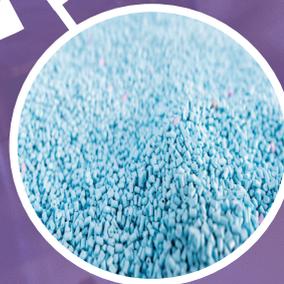


PLASTICS PROCESSING

POLYMER SHAPING

HYDROGEN STORAGE TANKS

COMPOSITE
BICYCLE FRAMES





RESEARCH & INNOVATION

COMPETITIVENESS CLUSTERS



Together, let's imagine tomorrow's mobility! The Pôle Véhicule du Futur competitiveness cluster for mobility supports innovation, helps companies to become more competitive and provides training



MECATEAMCLUSTER

A cluster specialising in the design, construction and maintenance of railway and infrastructure works equipment, it works on innovative issues in response to developments and problems in the sector.



ROBOTICS
VALLEY

Robotics and Industry 4.0 cluster: Creating synergies, supporting companies' innovation and R&D projects and providing a place for experimentation



Polymers competitiveness cluster: raising your profile, supporting the ecological and digital transition, accelerating innovation, international support



Syndicat des transformateurs de polymères: supporting, training, promoting and transforming the plastics and composites industry

A CUTTING-EDGE SCIENTIFIC AND TECHNICAL ENVIRONMENT



FEMTO-ST INSTITUTE

Internationally renowned research laboratory (CNRS, University of Franche-Comté, SUPMICROTECH-ENSMM, UTBM)



CIAD LABORATORY

A University of Technology of Belfort-Montbéliard and University of Burgundy laboratory for hybrid artificial intelligence used in particular in smart mobility, smart transport systems and autonomous navigation



THE FAURECIA CLEAN MOBILITY LAB

The Bavans R&D centre is home to Groupe FORVIA company Faurecia's first innovation laboratory



DRIVE LABORATORY

University of Burgundy public research laboratory for: materials, vibration and acoustics, energy and smart vehicles for tomorrow's mobility



ID MOTION LABORATORY

ID-Motion is a scientific interest group bringing together the Higher Institute Of Motor Vehicles And Transport and the Danielson Engineering company at the Nevers Magny-Cours technology centre



ICB LABORATORY

The Carnot de Bourgogne Interdisciplinary Laboratory (ICB) is a shared body associated with the CNRS and linked to the University of Burgundy and the University of Technology of Belfort-Montbéliard



ELLIADD LABORATORY

The ELLIADD laboratory works on issues covered by the Future Mobilities and Transport faculty at the University of Franche-Comté and the University of Technology of Belfort-Montbéliard. It is conducted in particular within the ERCOS division



TRAINING COURSES



Higher education in the automotive and transport sectors



School of engineering specialising in mechanics and microtechnology



Engineering school offering 4 courses: Materials, IT and Networks, Electronics and Digital Systems, Robotics



Higher education in the fields of science and technology, engineering, management, geography, planning, environment and development



Higher education courses in transport equipment, chemistry and polymers, energy, electricity/electronics, hydrogen



Higher education courses in mechanics, industrial systems, energy and IT



Training for technical positions in automotive design



Applied training for positions maintaining railway machinery



Applied training in vehicle maintenance, including bicycles



Specialist engineering courses in sustainable technologies



Lycée Louis Davier

Applied training for the automotive, HGV and motorcycle trades

YOUR MOBILITIES SECTOR CONTACT

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 Local economic developers
in all 8 of the region's departments

www.aer-bfc.com



THE REGIONAL ECONOMIC AGENCY OF BOURGOGNE-FRANCHE-COMTÉ

The Regional Economic Agency works closely with stakeholders in business development, innovation, training, and employment:



Business project engineering for each regional strategic sector



Financial engineering



Innovative project engineering, ecological transition and energy recovery



Economic changes



Promotion and communication