



PROVENCE

ALPES

CÔTE D'AZUR



SUD Provence-Alpes-Côte d'Azur

Presentation and business opportunities

Entrepreneurship in the South of France seminar 22/10/21















Who are we - RISING SUD: THE ECONOMIC DEVELOPMENT AGENCY FOR THE REGION SUD



Motion design risingSUD 2020 – version anglaise - YouTube

Who are we - RISINGSUD: A LOCAL EXPERTISE COMMITTED TO YOUR SUCCESS

1/ A FREE AND CONFIDENTIAL ASSISTANCE DEDICATED TO YOUR INVESTMENT PROJECT



Site location support and visits



Assistance in setting up vour structure in **France**



Connection with the local ecosystem



Grants and funding support



HR Support

2/ A RANGE OF AFTER CARE SERVICES ONCE YOUR INSTALLATION IS COMPLETE



EXPAND your company internationally



DEVELOP major structural projects



ACCELERATE the growth of your business



experts

In 2020, out of 77 foreign investment projects accompanied, 6 were coming from the Netherlands, generating 75 jobs!

WHY SUD, PROVENCE-ALPES-CÔTE D'AZUR?

8 reasons to invest in Region SUD

- 1. A thriving and attractive regional economy
- 2. A region with a global reach and international renown
- 3. The #3 French region for Innovation
- 4. A region dedicated to the Industry of the Future
- 5. The region's talent pool, the added value you need
- 6. On pace to become the #1 green region in Europe by 2050
- 7. Get established in the smart city!





WHY SUD, PROVENCE-ALPES-CÔTE D'AZUR?

5 000 000 inhabitants

The only French region with 4 major metro areas **Ideal Location** Marseille - Nice - Toulon - Avignon At the crossroads between: Europe <> Africa <> Middle East Open to Talent & Innovation **#1** University in France: Aix-Marseille University (77 000 students) 161 000 total students (18 000 international students) ODIGNE-LES-BAINS **#2nd region in France for R&D** 29 000 R&D employees including 13 800 researchers The biggest technology park in Europe : Sophia-Antipolis MARSEILLE Work-Life Balance 1.9 million From mountain to sea: technology 135 marinas & 70 winter sports resorts jobs parks 2 200+ **GDP** foreign €170b companies

A WELL CONNECTED HUB



NICE CÔTE D'AZUR AIRPORT

14,5 MILLIONS OF PASSENGERS

121 DESTINATIONS IN 44

COUNTRIES

ATHENS

MADRID

LISBON •

Paris, Amsterdam, Barcelona, Madrid, Frankfurt, Geneva, London, Brussels, Luxembourg, Basel, Monaco, Genoa, Milano, etc.

DISCOVERY TOURREGION SUD TERRITORIES





Alpes Maritimes (Côte d'Azur), an international Reference in Research & Development





#2 French airport in terms of passengers



A famous seaside resort with more than

13 million tourists in 2019: la French

Riviera, le Festival de Cannes, la Baie des Anges...



#1rst European Technopole: Sophia-Antipolis

- 2.500 companies
- 38.00 employees
- 80 nationalities
- 4.500 researchers & 5.500 students





The Alpes-de-Haute-Provence, land of fragrances and flavors



#1 producer of aromatic plants in France



Large companies located in the territory

L'OCCITANE EN PROVENCE
SANOFI



Innov'Alliance Competitiveness Cluster

- 440 members
- Companies, research
 laboratories, training institutions





The Var and its Maritime Economy, a True Mediterranean Hub



The #1 EUROPEAN military port is in Toulon



Sea competitiveness cluster, or Pole Mer: #1rst European scientific and technological park

#1rst European scientific and technological park dedicated to sea & littoral activities.



Mission statement & challenges - Pôle Mer Méditerranée (polemermediterranee.com)



Large companies located in the territory













Bouches-du-Rhône, a Benchmark Territory for the Industries of the Future



Marseille is the #1rst European interconnection platform

9th international hub (for datas)
4th in 2023

15 submarines cables (+2 new projects)



#1rst French port

A leading Industrial sector with large companies: |yonde||base|| CMACGM PAIRBUS HELICOPTERS



An experimentation of the smart city





The Vaucluse, a Pioneer in Food Innovation and Natural Living



Agri-food is the **#1 industrial sector** in the Vaucluse



Important location for fruit, cereals and wine production



Campus AGROPARC

- 6 000 students
- 14 training institutions
- Research laboratories INRA
- 580 companies







Hautes-Alpes, a Land of Opportunities in a Pristine Natural Setting



120 000 hectares of protected area **27** mountain resorts



Aix-Marseille University – Gap campus one degree program in Sustainable **Management of Mountain Areas**



Member of the Mountain Cluster & Partner of Capenergies **Competitiveness Cluster**

One of the biggest sources of renewable energy in France



Monte Viso seen from Queyras – Photo credit: ©Rogier van Rijn 13

OUR REGION'S 8 STRATEGIC SECTORS: OPERATIONS OF REGIONAL INTEREST (OIR)

THEY'VE CHOSEN THE SUD REGION

- Airbus Helicopters
- CMA CGM
- L'Occitane
- Thales
- Dassault
- Naval Group
- Saint-Gobain
- Amadeus
- Malongo ARM
- Symphony
- Infosys
- Expedia
- Voyage Privé
- Haribo
- STMicroelectronics
- ArcelorMittal...







Capenergies®





OPTICS AND PHOTONICS



MOBILIZE 1 BILLION EUROS OF INVESTMENT

> CREATE 50 000 JOBS

ATTRACT **500 NEW** COMPANIES



INDUSTRIES OF THE FUTURE



AERONAUTICS AND SPACE



INNOVATIVE **HEALTHCARE**





HEALTH & BIOTECH



COMMUNICATIONS SMART TECH

BUSINESS TOURISM AND PROFESSIONAL EVENTS

POLESES

MICROELECTRONICS AND



%



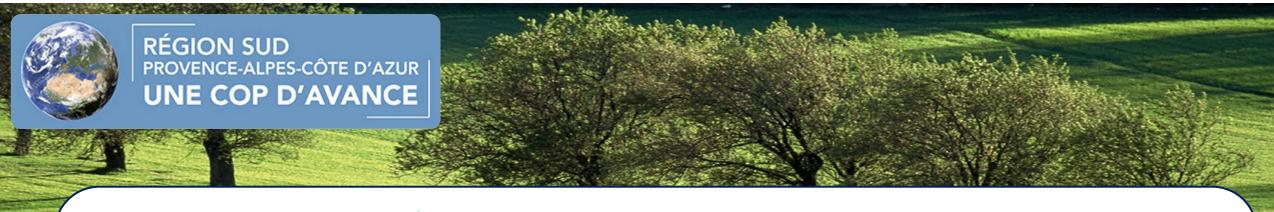








A STRONG AMBITION: THE REGION'S CLIMATE PLAN



The Region SUD aims to be the 1st Region in Europe for environmental protection through its "Keep a COP (Climate Change Conference) ahead" policy. To realize such ambition, the Region plans to invest 4bn€ between 2021 and 2025 in renewable energies and in the eco-industries of the future, with the following objectives:

- Achieve carbon neutrality by 2050
- Support initiatives and companies promoting ecology and energy transition
- Support the development of renewable energies, especially hydrogen technologies: a new regional hydrogen plan has been unveiled in 2021 to promote low carbon produced from electrolysis and biomass.
- Development of new mobility practices

OTHER KEY MEASURES

- Program 0 waste in the Mediterranean
- Rethinking the Smart Cities model to bring the city and nature together
- Coordinate actions regarding water demand and water quality on the territory.
- Develop the waste recycling, eco-design and industrial ecology sectors



CLEANTECH AS A LEADING REGIONAL SECTOR

THE SUNNIEST REGION IN FRANCE



- **2,800 hours of sunshine** on average
- The 1st French region in terms of photovoltaics: 14% of French production

2 GW FROM FLOATING OFFSHORE WIND TURBINES BY 2050



- Top 3 wind deposits in Europe
- 1 demonstrator project "Provence Grand Large" (3 wind turbines of 3MW)
- First commercial calls for projects **by 2022**

WASTE RECOVERY AS AN OPPORTUNITY FOR BIOGAS PRODUCTION



- Enough waste for an estimated biogas production of 5.4 TWh/year.
- Sufficient potential to build **74 biogas production units of 6MW** in the region.
- Several demonstration projects (e.g. **Green Gas Provence, Combrigreen**...etc.).

AT THE FOREFRONT OF THE SMART GRIDS TECHNOLOGIES



- "Flex Grid", a national smart grid project from 2016 to 2020
- 24 projects supported

THE 1ST HYDROGEN PRODUCTION PLATFORM BY 2024

- More than **133 companies** working on hydrogen
- More than 30 projects in progress (Jupiter 1000, Hynovar, etc).







SECTOR FOCUS: CLEANTECH

A STRUCTURED ECOSYSTEM



DEDICATED CLUSTERS



ARBOIS MÉDITERRANÉE

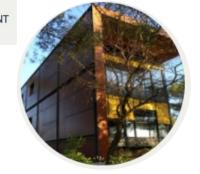
- Aqua Valley in one of the three competitiveness clusters that support water sector in France (more than 200 members).
- the **EA Eco-entreprise cluster**: a unique organization dedicated to the **circular economy an environmental sectors**: water, waste, renewable energies, etc. (160+ members)
- Capenergies the smart energy cluster (530 members and 1800 partners).

A DEDICATED TECHNICAL PARK

• Arbois Méditerranée is the leading technical park dedicated to environmental technologies. It gathers more than 400 researchers, 400 students, 4 technological platforms, 30 scale-ups and 40 startups. In addition to its business centers, the technology park houses a business incubator for cleantech companies

AMONG OTHER ASSETS

- Hydroelectric installations on the Durance (2 000 MW)
- Cadarache (the #1 R&D site in Europe for nuclear energy)
- ITER (International Thermonuclear Experimental Reactor), the international nuclear fusion project: one of the most ambitious energy projects in the world today, ITER involves 35 countries working together in the South of France to build the world's largest tokamak. This experiment is designed to prove the feasibility of fusion as a large-scale, carbon-free energy source based on the same principle that powers the sun and stars.







A UNIQUE TESTING GROUND FOR CLEANTECH





SMART CITY

2 National Programs "Smart City"

MARSEILLE-EUROMEDITERRANÉE

& ECOVALLEY PLAINE DU VAR



SMART MOUNTAIN

Environment preservation of mountain territories



SMART BUILDING

50,000 homes renovated since 2017 MEDGREENB project : **Energy renovation** of Mediterranean buildings





City Lab", an initiative of the metropolis "Toulon Provence Méditerranée", is an R&D project dedicated to the city of the future.

MED'INNOVANT is part of an operational strategy to launch, in the short- to medium-term, pilot and demonstration projects within the Euroméditerranée **Eco-City** in the field of **water cycle optimisation**, waste management, low carbon transportation... etc.





SECTOR FOCUS: SUSTAINABLE MOBILITY

- Our region's current focus lies on the decarbonization of the mobility sector, through the development of hydrogen, batteries and bio NGV technologies.
- Our region has launched its "Zero emission on road" plan for 2021-2023, underlining a strong support for electric, hydrogen and BioNGV mobilities. This new plan is encouraging further development of charging stations on our territory, the coupling of electric vehicle charging facilities with locally produced renewable energy and provides grants to acquire green and NGV vehicles. Public transportation is similarly turning more and more towards decarbonized solutions.
 - Several sustainable mobility projects are currently being developed:
 - **Hynomed**: a decarbonized land and maritime mobility program
 - CATHy0Pé: "High Autonomy, High Tonnage, Electric-Hydrogen, 0 Pollution, Economic Truck" operating with a high-power hybrid electric / electric hydrogen powertrain
 - **Hyammed**: A fleet of 8 hydrogen trucks and a line of 3 hydrogen buses in the Ulysse network of the Aix-Marseille-Provence metropolis
 - **Hygreen Provence:** production and deployment of green hydrogen
 - MassHylia: production of hydrogen by electrolysis



SMART VEHICLE CÔTE D'AZUR

A TERRITORY OF R&D: SMART MOBILITY

A SMART VEHICULE INITIATIVE IN COTE D'AZUR

ASSETS

- +35 major industry players
- Cross innovation between Sophia Antipolis and Nice Côte d'Azur Metropolis
- An ecosystem linking the entire IT value chain

GOALS

- To conduct sustainable mobility projects
- To create a market oriented
- To become an experiment park for smart vehicules
- To use the automotive sectors as a key factor of attractiveness worldwide





SMART MOBILITY: SUCESS STORIES IN THE REGION



The Hitachi Group recently celebrated 20 years of presence in Europe's leading technology park. Opening of a research and development center in 2000: Hitachi Europe - Sophia Antipolis Laboratory (HSAL). This center was the second Japanese R&D center to be set up in Sophia Antipolis. Researches are now focused on new mobilities (sustainable mobility) and intelligent transport systems (connected and autonomous vehicles)



A subsidiary of the Renault Group since 2017, Renault Software Labs is **a software R&D center** that develops software architectures and embedded systems integrated into connected, autonomous and electric cars. This innovation center brings together more than 400 engineers and is located on two sites, Sophia-Antipolis and Toulouse, at the heart of two ecosystems focused on the smart car.



Founded in 2006 by Georges Gallais, Vulog is the **European leader in car sharing technologies**. The start-up was accommodated within the Métropole Nice Cote d'Azur EC BIC before joining the Allianz start-up Accelerator in 2015.



Wever is the first platform to propose to reinvent an inclusive and efficient mobility by placing the user and the needs he expresses at the heart of the design of the offer. Wever offers to everyone the opportunity to express their needs, to test new solutions and to vote to put in place sustainably the ones that have the most interest.

SECTOR FOCUS: A TERRITORY OF SMART TECH

A MAJOR ECOSYSTEM:

22 000

€ 14 billion

55 000

COMPANIES

TURNOVER

JOBS

A DYNAMIC OF INNOVATION:

167

12,000

R&D ESTABLISHMENTS

PRIVATE RESARCHERS

A SOUND TEACHING OFFER:

500

10 000

TRAININGS

STUDENTS



A REGION COMMITTED TO INNOVATION AND DIGITAL TRANSFORMATION

ICT are part to the 8 Operations of Regional Interest (OIR) identified as the core of the regional economy and as strategic sectors to shape the economy of the futur. Local governments and economic development agencies are fully committed to support these sectors.

One billion euros was invested in these ecosystems to ensure they remain global leaders in their 8 sectors, and notably be the 1st smart region in Europe!



A DYNAMIC COMMUNITY GATHERED AROUND SPECIALIZED CLUSTERS

POLESES

The SCS (Secured Communicating Solutions) cluster is a world-class competitiveness cluster dedicated to digital technologies. It gathers 320 industrial players, large multi-national groups, SMEs and startups, research laboratories and leading universities in their fields.

- 310 members and partners
- 250 projects funded
- more than 1 billion euros R&D investments made



THALES











Medinsoft cluster is dedicated to the emerging of digital technologies leaders in Region Sud.

Medinsoft helps for business connecting, the development and PMEs, micro-enterprises, the organization of professional events, and the amelioration of the visibility of the ICT sector.





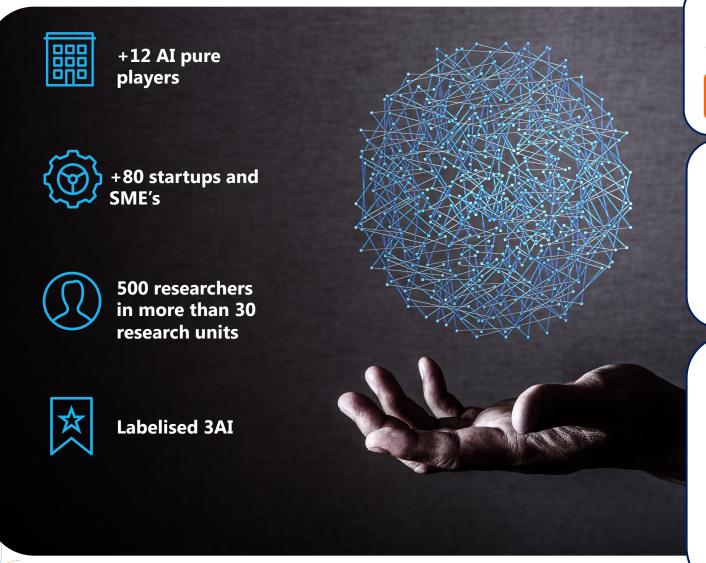








A GRAVITY CENTER FOR AI PLAYERS



THEY CHOOSE THE REGION SUD:



















ON ORGANIZATION TO COLLABORATE:

11 big AI companies (NXP, Air France KLM, Orange, Amadeus, **IBM**...) have chosen to settle their AI research laboratories in Sud. They decided to collaborate together, pooled their discoveries and testimony about their last researches. For this purpose, they created ICAIR, the Industrial Council of Artificial Intelligence Research.

A PRESTIGIOUS PLACE FOR RESEARCH:

- 3IA Côte d'Azur is one of the four "Interdisciplinary Institutes of Artificial Intelligence" in the **Sophia Antipolis' first science** park of Europe.
- Microsoft involved in the Aix-Marseille area by the opening of the Lab reality experience.
- The Computer Science Laboratory of the University of Avignon (LIA) is a national and international leader in humanmachine dialogue, information retrieval, voice services and networks.

THE FRENCH TECH NETWORK in REGION SUD



La French Tech represents all the actors of the French start-up ecosystem. It is a national network that recognizes territories where digital technologies are present and where growth conditions are gathered.

#2 Capitals FT : Aix-Marseille & Côte d'Azur

#2 Hubs FT : Avignon & Toulon

180+
Tech Champions
(annual revenue > 5M€)

More than 70 000

Jobs in Tech

The only
French Tech Culture Label
in France

FRENCH TECH FUNDING PROGRAMS:



Program designed for entrepreneurs from all over the world who want to create their startups in France.



National program of support for strong growing companies in Digital, Industry and Health fields

LIFE SCIENCES HIGHLIGHTS

FOCUS ON E-HEALTH!
They have chosen the Region Sud...



A DYNAMIC SECTOR:

41.000 170 €18 billion
PRIVATE COMAPNIES RESEARCH
LABORATORIES TURNOVER

2nd REGION 39.000 170.000
In France for patents SCIENCES STUDENTS JOBS

SECTORS OF EXCELLENCE:

Immunotherapy, **oncology,** infectious diseases, neurology



- 8 universities and 4 teaching hospitals
- 6 hospital grouping and more than 50 structures across the territory
- The Aix-Marseille teaching hospital is the 2nd hospital grouping in France

LIFE SCIENCES ACTIVITY HIGHLIGHTS





THE EXAMPLE OF SANOFI

An historical symbol of a health industry firmly established in region Sud.

Sanofi is the leading European group in the health and vaccines sector. Sanofi has been established for a long time in the Southern Region, its production plant at Sisteron, has just celebrated its centenary. Active ingredients are produced there which require expertise and constant monitoring by the 680 employees present on the site.



RESEARCH CENTERS

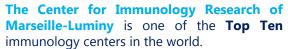


The Mediterranean Centre for Molecular Medicine (C3M) is working closely with practitioners, particularly on cancer projects. The center has been a hotbed of innovation and has produced laboratories of excellence such as Signalife, which explores new drugs to treat cancer and neurological and cardiac disorders.



Genetics Institute for Patients, Therapies, Innovation and Science will be the largest Euro-Mediterranean institute for the fight against rare genetic diseases. The institute must see the day in Marseille and will bring together, more than 150 health professionals, 350 of the best French and international researchers, public institutions, teaching and research, 12 biotechnology companies, associations of patients, experts in drug development and all economic actors in the territory.





- √ 20 research teams with core facilities
- ✓ Long-term collaborations with universities, hospitals, and private companies
- √ 3 biotech start-ups based on CIML work: Immunotech, Innate Pharma, and Oz Bioscience).



The Pasteur Hospital in Nice has fostered the creation of new organizations such as the Fondation Claude Pompidou, which focuses on the treatment, research and prevention of Alzheimer's disease, the Institut de la Face et du Cou, which specializes in oncology and neck and face surgery, and the Institute of Research on Cancer and Aging.



The Paoli-Calmettes Cancer Institute is the second largest cancer care center in France (207 beds, 17 360 patients) and one of four registered research and evaluation centers for gene therapy.



Marseille-Luminy Immunopôle is one of the only clusters in the area dedicated to innovation in immunology and applied immunology. It's objective is to accelerate the discovery and development of new immunotherapies for various cancers and inflammatory diseases.





The INSERM's Health Technologies institute (TS) coordinates the technology research that is playing a crucial role in biomedical progress at both a fundamental and clinical level. Its scope of activity includes imaging, technologies associated with drug development, biotechnology and bioengineering, surgery and other interventional techniques, and digital health technologies.

CoReBio PACA offer support services to academic and industrial partners in order to accelerate biological research and development programs. The group provides specialized equipment and expertise that is not readily available to individual laboratories.

A DEDICATED HR TASK FORCE FOR YOUR PROJECT



A unique tool in France

- ✓ A team of multidisciplinary experts
- ✓ Mobilization of regional HR and training actors
 - ✓ Coordinated offer at each stage of your project
 - ✓ Services for hosting talents in the region



Advices and guidance

- ✓ Project needs analysis
 - ✓ HR round table



Recruitment

- ✓ Remuneration benchmark
- ✓ Identification of HR data bank
- ✓ Labor legislation information
- ✓ Contact with the targeted actors



Training

- ✓ Identification of the training offer
- ✓ Links with targeted actors



Financial support

- Advice and guidance on financial schemes in accordance with regulations
- ✓ Mobilization of public grants

A REGION THAT ATTRACTS TALENTS:



743

New foreign investment projects since 2010



3rd Region

In France in terms of job creation





72%

of senior executives are considering the region to be the most attractive in France

RECRUITMENT AND TRAINING SUPPORT





REGIONAL EMPLOYMENT AND APPRENTICESHIP BANK

What?

 Online platform to post job, apprenticeship and internship offers

For whom?

All companies

Service:

- **Free** + included: recruitment support by a job center company advisor
- Solution proposed to the manager within a maximum of 10 days

https://brea.maregionsud.fr/

Did you know?

- You can benefit from a state aid to recruit an apprentice
- Amount: up to a maximum of €8,525 for the first four years of the contract





THE SOUTH eHRD TOOL AT YOUR DISPOSAL

What?

 Recruitment platform specialized in the industrial and digital sectors

For whom?

All companies

Service:

- Recruiter/Candidate matching algorithm
 - HR Services
 - Skills Observatory
 - Training catalog

https://edrh.fr/

OPERATIONAL PREPARATION FOR EMPLOYMENT & PRE-RECRUITMENT TRAINING

What?

- Two grants for pre-employment training
- Granted according to the nature and/or duration of the employment contract

For whom?

All companies

Maximum amount (up to 400 hours of training):

- 5€ net/hour of in-house training (i.e. a **total of 2 000**€)
- 8€ net/hour of external training (total of 3 200€)

Sources: eDRH Sud 2020, Pôle Emploi 2020, Région Sud 2020

FINANCIAL SUPPORT FOR YOUR INVESTMENT PROJECT



RÉGION SUD INVESTISSEMENT

A co-investment fund – Equity loans for SMBs

For who?

All SMBs with less than 250 employees and 50M€ turnover

Amounts:

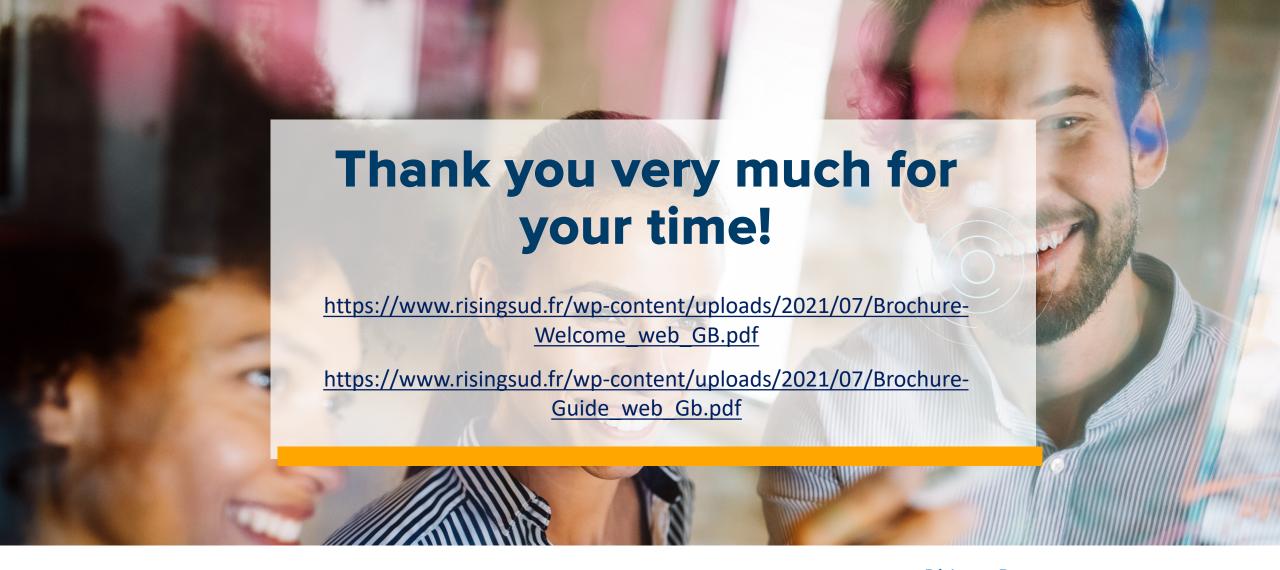
Equity loans from €15K to €200K Capital participation from €200K to €2M



Direct support to encourage companies' set up

Amounts:

Subsidy from €100K to €500K Repayable advance loan from €500K to 1M€



Contact risingSUD Antonin CHEF achef@risingsud.fr





Bâtiment Provence 81-83 boulevard de Dunkerque CS 30394 – 13217 MARSEILLE Cedex 02 +33 (0)4 96 17 07 40 contact@risingsud.fr - www.risingsud.fr