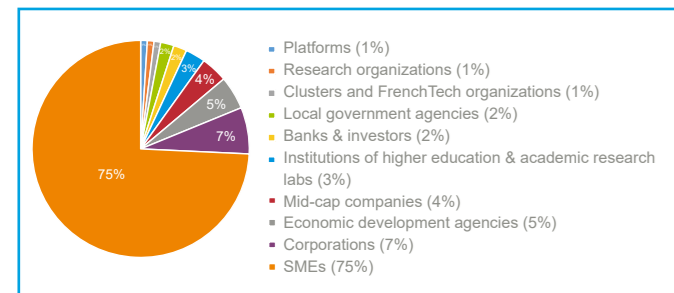


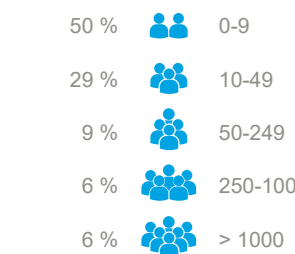
## NETWORKING

**400** member organizations at end-2018

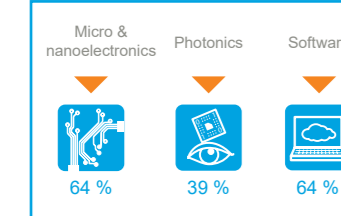
### Breakdown



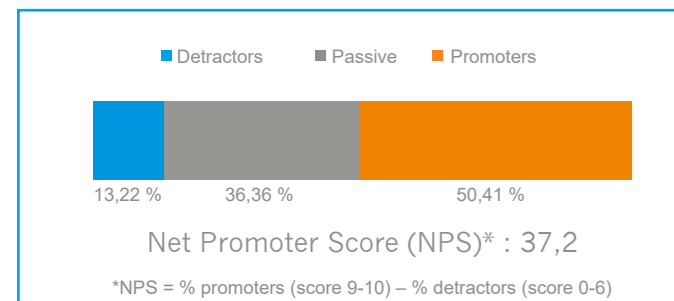
### Headcount



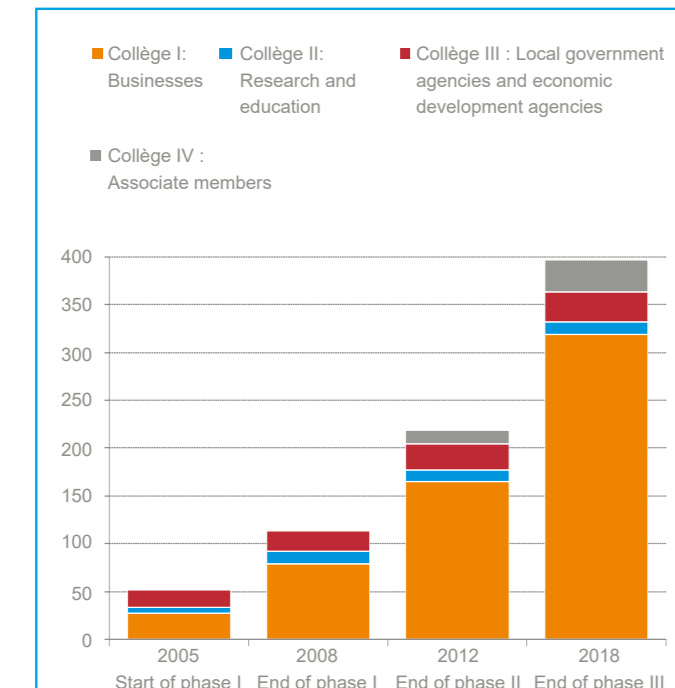
### Strategic Focus Areas



### Satisfied members and cluster ambassadors



### Growth in membership



### Reaching out

254 news articles on our French members published on our website and in our newsletter  
85 news articles on our members published in English on our website

5 breakfast meetings for fun, relaxed networking with other members  
1 first market-specific event

## GROWTH

**5** Open Innovation Days in 2018

### Business development

**72** members completed the 6 workshops in the Business Booster Program

5 high-growth companies were awarded the FrenchTech Pass: Aledia, Easy Mountain, IPM France, Short Edition, and WizBii.

### Jobs

**118** job offers posted on the Minalogic website  
**92** CVs sent to members

32 companies and 144 student interns attended the Connect PME job fair; 142 job offers were presented at the fair.

### International delegations

69 SMEs received support for 7 international fact-finding missions and trade shows:

- CES (Consumer Electronics Show), Las Vegas
- Photonics West, San Francisco
- IoT Asia, Singapore
- IoT Solutions World Congress, Barcelona
- Smart City Expo World Congress 2018, Barcelona
- Electronica/Sernicon Europa, Munich
- ICT Event 2018, Vienna

### Bringing SMEs and corporations together

**5** Open Innovation Days:

- The first-ever Open Innovation Day with a bank (Caisse d'Épargne Rhône Alpes) in partnership with Finance Innovation cluster
- The Club Rapid meeting organized in partnership with the French Directorate General for Armaments attended by more than 45 corporations and 200 SMEs
- The Assises de l'Achat Public government procurement fair co-organized by the Greater Grenoble Intermunicipal Authority, the City of Grenoble, and the Isère General Council
- The second Open Innovation Day organized in partnership with Belgian cluster DSP Valley for US-based Boston Scientific
- A day-long event with La Poste, Orange, SNCF, and Crédit Agricole Technologies & Services in partnership with BigUp for Startup

Together, these events were attended by **522** SMEs  
**52** SMEs pitched their businesses, and **2 500** BtoB meetings took place

**600** BtoB meetings at Minalogic Business Meetings  
150 companies participated: 88 solutions providers and 62 buyers.

### Financing

**+ 50** introductions between our members and banks and investors in 2018

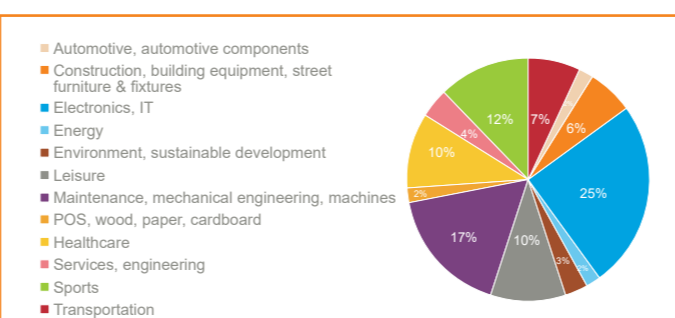
## INNOVATION

**657** projects certified and financed since 2005

### French Single Interministerial Fund 2018

In 2018, 8 French Single Interministerial Fund projects were certified and financed, bringing the total number to **164** projects for total R&D spending of **€887** million (including **€357** million in government funding).

### Easytech: a program for companies in all industries



### Increasing access to financing

#### PSPC\*

National-scale collaborative R&D projects  
Technological breakthroughs and clear industrial objectives

2 projects certified  
1 project financed

#### INNOVATION COMPETITION

National-scale individual R&D projects  
12 months to 36 months, topic based

9 projects certified  
4 projects financed

#### R&D BOOSTER

Regional (Auvergne-Rhône-Alpes) collaborative projects  
12 months to 24 months

8 projects certified  
3 projects financed

#### ANR\*

National-scale collaborative R&D projects  
48 research themes

29 projects certified  
12 projects financed

\* (major projects with the capacity to shape an emerging industry)

\* (French National Research Agency)

### Assistance identifying and developing innovation projects

1 project brainstorming session with 85 attendees, 9 ideas for projects, and 9 member presentations

3 conferences on specific technologies and markets with a total of 317 attendees (optical microsensors, digital technology for logistics and the vehicle of the future, etc.)

5 working groups in partnership with other clusters: Axelera, Céréales Vallées, Tenerrdis, Terralia, and ViaMéca

8 webinars on regional, national, and European project financing instruments, innovation platforms, innovation competitions, and other programs

46 members participated in 7 workshops in the "Taste for Innovation" series organized with clusters Axelera, Lyonbiopôle, Tenerrdis, and ViaMéca.

### European funding

28 members received information or support on European financing instruments/projects (26 companies/2 institutions of higher education)

10 European projects audited by Minalogic; 4 received financing  
1 European project (KET4Dual-Use) secured by the cluster

6 "100% Europe" events organized or co-organized:

- Webinar on European financing for ICTs
- "Europe" breakfast meeting in St. Etienne
- InfoDays: European financing for SMEs
- Ambition Europe
- ICT Event partnership mission
- Cascade Funding project fair

MinaSmart (the Digital Innovation Hub for the Auvergne-Rhône-Alpes region) created.

### Products and other results

106 products developed as a result of Minalogic-certified R&D projects

213 patents  
762 publications 1/3 international

### Services

| NETWORKING  | GROWTH                                  | INNOVATION                                 |
|---|---|--|
| IDENTIFY AND EXCHANGE WITH YOUR FUTURE PARTNERS                               | GROW YOUR BUSINESS IN FRANCE AND ABROAD | FOSTERING INNOVATION THROUGH COLLABORATION |
| - Connect with the right partner  | - Develop your business                 | - Cultivate new ideas                      |
| - Network with regional actors and national & european innovation communities | - Finance your growth                   | - Get help with project engineering        |
|   | - Acquire and develop key competencies  | - Track project progress                   |
|   | - Raise your profile                    | - Leverage project results                 |



**FACTS & FIGURES**  
2018

## JANUARY

### Horizon 2020 National Contact Point

Minalogic's European Project Manager Laure Quintin became a National Contact Point (NCP) for Horizon 2020, the EU's research and innovation financing instrument. The EU H2020 National Contact Points were set up to serve SMEs and startups by making sure that they know about EU financing programs. And, with a Minalogic staffer now a member of the NCP network for France, our members will benefit from insights into the most appropriate financing programs for their needs and a comprehensive and proactive analysis of their project submissions.

### CES 2018: Better together!

The Consumer Electronics Show in Las Vegas is one of the highlights of Minalogic's annual calendar of events. The cluster worked side-by-side with the Auvergne-Rhône-Alpes regional government to coordinate a record-breaking regional delegation that included an impressive 43 startups. Other noteworthy firsts at CES 2018 were the region's group exhibit area and a dedicated area to promote the region's high-tech ecosystem. The regional delegation was eligible for Minalogic's "On the Road to CES" program to help them prepare for this major event. They also received assistance from 40 business school students from Grenoble Ecole de Management and EM Lyon before and at the event.

### Photonics West more important than ever

Photonics West is one of the world's leading optics and photonics events, especially for businesses seeking opportunities in the US market. A delegation that included seven Minalogic member companies attended this year, evidence of the photonics industry's growing importance for the cluster. And, with 49 academic research labs and an average of seven startups created each year, the optics and photonics ecosystem is an active one at Minalogic!

## FEBRUARY-MARCH

### Expanding our governance organization

Minalogic's Board of Directors is elected at the cluster's Annual General Meeting each year. In 2018, half of the sixteen seats on the board were open. The Board's new members include several women and members representing Minalogic's strategic focus areas and the cluster's expanded geographical scope, which now encompasses the entire Auvergne-Rhône-Alpes region. The SME Council, which represents Minalogic's SME members on the Board of Directors, grew from six to eight members with the election of two new women.

### New breakfast meetings in St. Etienne

Minalogic launched a new travelling breakfast-meeting format to reach out to members where they are with the topics that interest them most. The new breakfast meetings kicked off in St. Etienne and will give members opportunities to network with each other in a friendly, relaxed environment.



## APRIL-MAY

### Sido IoT trade show

Minalogic was at the leading IoT event SIDO for the third year running. Of the cluster's hundred or so members with IoT-related know-how, 41 were at the event (sixteen exhibited at "Minalogic Village").



### First-ever Minalogic Open Innovation Day with a banking partner

The world of banking is changing, with new practices in customer relationship management, new digital tools for bank employees, and new banking data analysis technologies.

Minalogic partnered with the Finance Innovation cluster to host an Open Innovation Day for the Caisse d'Epargne Rhône-Alpes bank and fintech business incubator and accelerator B612. The day's theme was "the digital transformation of banking." The 34 participating companies pitched their innovative solutions and gained insider insights into the banking industry's emerging growth drivers.



## JUNE-JULY-AUGUST

### Minalogic Business Meetings heads to Lyon

The 2018 edition of Minalogic Business Meetings (MBM), Minalogic's standout international business convention, was held at the Auvergne-Rhône-Alpes regional government center in Lyon. The 250 attendees came for:

- Pre-scheduled BtoB meetings with qualified leads
- A seven-lecture series on Advanced Manufacturing
- A dedicated area for companies to give their elevator pitches
- The evening before the event, a tour of four sites using Smart City technologies for corporate attendees, partners, and sponsors



### "M" as in Minalogic



Minalogic won the French Single Interministerial Fund "Champion" award for the second year running. The Fund is the French government's financing instrument for research and innovation projects. The cluster dressed its logo up in championship colors and stars to celebrate the win!

## SEPTEMBER

### A truly collaborative project

EU project KET4Dual-Use Worldwide boasts an impressive consortium of two France-based high-tech clusters (Minalogic and Optitec) and two international security and defense organizations (Denmark's CenSek and the Estonian Defense Industry Association).



KET4Dual-Use Worldwide brings together major stakeholders to assess the demand for new technology, identify shared market segments, and set up fact-finding missions to countries outside of Europe. The project will help Minalogic members learn where new needs based on Key Enabling Technologies and, especially, photonics, microelectronics, and artificial intelligence, are and open the door to high-potential markets outside of Europe.

### It's all about the data

Leading French bank Crédit Agricole partnered with 23 research organizations, companies, universities, and industry federations from Grenoble's high-tech district to organize a one-day conference on data—and, specifically, artificial intelligence, predictive analytics, location intelligence, and data as a source of value creation. Minalogic was an active participant, facilitating a panel talk on cybersecurity.

## OCTOBER

### Government procurement officers look to innovation

The Assises de l'Achat Public (a government procurement fair co-organized by the Greater Grenoble Intermunicipal Authority, the City of Grenoble, and the Isère General Council and attended by more than 450 people) was once again devoted to the topic of innovation in 2018. Of the 168 companies in attendance, nine were selected to pitch their solutions at a plenary session, fifteen to exhibit in the showroom, and 54 for individual BtoB meetings. Participating companies—high-tech SMEs and startups—took advantage of the event to meet with government procurement officers and raise their awareness of potential R&D opportunities, pilot projects, and business partnerships.

### Building our future

Minalogic completed a submission for the French government's call for proposals for phase IV of the national cluster strategy for the period 2019–2022. The clusters selected for this next phase of development had to demonstrate a national and European scope, financial independence, and mature organizational structure—all prerequisites for effectively accelerating the pace of new European collaborative R&D projects. We feel strongly that Minalogic fits the job description to a T!

### How will we get around tomorrow?

More than 160 people attended a day-long event on the mobility of the future spearheaded by tire manufacturer, Michelin. The event was held in Clermont-Ferrand (Michelin's hometown) and organized by clusters CARA, Minalogic, and ViaMeca for all stakeholders in mobility-related technology and markets and, especially, the vehicle of the future, one of our region's areas of excellence. The day was a great way to promote the region's strengths in mobility and smart transportation systems.

## NOVEMBER

### Stronger ties with photonics

Minalogic joined the 100-member Photonics21 Board of Stakeholders. One of the 38 open seats on the board of the European Commission's photonics-industry organization went to David Vitale, who runs photonics-related activities at Minalogic.

### European Open Innovation Day

The second European Open Innovation Day was organized by cluster DSP Valley in Leuven, Belgium for US-based Boston Scientific, a company that develops innovative medical solutions. A total of 24 Boston Scientific employees from five divisions worldwide came to meet with representatives of 50 research labs and SMEs (including six Minalogic members). Seven clusters in the Silicon Europe Alliance took part, and 500 BtoB meetings were held. The success of this second European Open Innovation Day is proof that the formula works!



### MinaSmart helps companies implement digital technology

The European Commission created its network of Digital Innovation Hubs to help companies of all sizes seize the opportunities digital technologies can bring. MinaSmart, the Digital Innovation Hub for the Auvergne-Rhône-Alpes region, was created for precisely this purpose. Managed by Minalogic, MinaSmart provides companies of all sizes with easy access to the technologies, platforms, and know-how they need to successfully navigate the digital transformation. Companies can also benefit from innovation support services, testing and experimentation capabilities, and financing from EU agencies. MinaSmart also interacts regularly with other Digital Innovation Hubs in France and across Europe.

### > 5,000

The number of Minalogic followers on Twitter. The Twitter handle @Minalogic offers up the cluster's and its members' latest news. Join the growing number of followers!

## DECEMBER

### Annual Minalogic Day

Our 2018 Minalogic Day, held in Grenoble, brought the year to a close on a particularly high note. This year's theme, "People At the Center of Digital Technologies," brought in more than 400 attendees. The day's program included a lecture, success stories, and a showroom highlighting 26 products developed as a result of Minalogic-certified R&D projects (#PoweredByMinalogic). Attendees looking for a truly unique Christmas present got an extra treat, with twelve consumer products developed by Minalogic members to choose from.



### 55 Easytech consulting appointments

Easytech consulting appointments are a great way for SMEs to get expert insights into their innovation projects and determine how likely it is that their projects will succeed. Held at various locations throughout the Auvergne-Rhône-Alpes region, the appointments are staffed by specialists who give each project their undivided attention for a full hour. The Easytech program has expanded both geographically and in scope (to include software), bringing in new SMEs seeking ways to leverage digital technologies (electronics, software, and optics and photonics) to grow their businesses.

### Proud to be at the top

For the third time running (twice in 2017 and once in 2018) Minalogic was the top cluster by number of French Single Interministerial Fund projects financed (either certified or co-certified by Minalogic).



## THE GLOBAL INNOVATION CLUSTER FOR DIGITAL TECHNOLOGIES BASED IN FRANCE'S AUVERGNE-RHÔNE-ALPES REGION



### Minalogic today

The Minalogic global digital technology cluster, based in France's Auvergne-Rhône-Alpes region, supports its members' innovation and development projects, helping them achieve their growth targets and expand internationally. The Minalogic ecosystem is home to a diverse range of stakeholders who, together, cover the entire digital-technology value chain, from micro and nanoelectronics and photonics through to software, content, and user-driven design and development. The technologies, products, and services developed by this ecosystem address eleven markets: aerospace and defense; banking, financial services, and insurance; cities and buildings; energy and the environment; consumer goods; farming and food manufacturing; factory of the future; mobility and transportation; healthcare; digital infrastructure; and retail.

### A closer look: The future of Minalogic

Minalogic is one of 56 clusters in France to be certified for phase IV of the country's cluster strategy. Everyone at Minalogic would like to thank our members, partners, and other stakeholders in the Auvergne-Rhône-Alpes digital ecosystem. Not only is the certification good news for Minalogic, it is also proof that the strategy we have implemented over the past several years is effective.



In the coming years we plan to ramp up this strategy with a focus on three strategic priorities as outlined in the roadmap that earned us the new certification.

Minalogic has absorbed the R&D activities of former cluster Imaginove, making us the only digital technology cluster in Auvergne-Rhône-Alpes. We will pursue our traditional micro and nanoelectronics, software, and photonics activities, broadening them to encompass content and user-centered development.

This will position Minalogic to more rapidly build partnerships with other, market-focused clusters. Common roadmaps with other clusters in the region will enable Minalogic to generate even more opportunities for networking and joint projects, ultimately creating additional value for its members.

The cluster's activities now go far beyond the borders of our region—and France—as we support our members across Europe, whether it is in the context of their projects or events like trade shows.

The new MinaSmart Digital Innovation Hub run by Minalogic is one example of the cluster's European dimension and just one of the many ways we remain at the center of major digital technology projects in France and across Europe.

Minalogic has grown from around 50 members at its creation in 2005 to 400 at end-2018 and plans to pursue growth from three branch offices in Grenoble, Lyon, and St. Etienne.



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### Our public partners



### Our private partners

