

Research and Innovation : partnership in the south

Transfer Technology Offices « TTO's » : National first
day

City of sciences, Tunis, june 27th 2018

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Institut de Recherche
pour le Développement
FRANCE

Agenda

- ◇ Introduction
- ◇ IRD Présentation
- ◇ Innovation french actors
- ◇ Our vision about innovation
- ◇ Campus of innovation
- ◇ « Incentive approach »
- ◇ PMA and Colab : mutli-stakeholder project method



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- ◇ « Actions d'amorçage »
- ◇ PMA and Colab : mutli-stakeholder project method



A science committed to a sustainable future

27/06/2018



Institut de Recherche
pour le Développement
F R A N C E

An original organisation within the international landscape of scientific research

The only multidisciplinary institute exclusively dedicated to research in the field of development and scientific cooperation with developing countries (DCs).



Representing an equal and alternative scientific partnership in which researchers of DCs and French researchers work side by side

A dual reporting line to the Ministers responsible for Research and Innovation, and Europe and Foreign Affairs with the intervention frameworks of the Official development assistance and the National research strategy



Ensuring that scientific advances filter through to action outside of France promoting development policies based on scientific evidence

IRD's characteristics

2,221 IRD agents
more than one third assigned to DCs

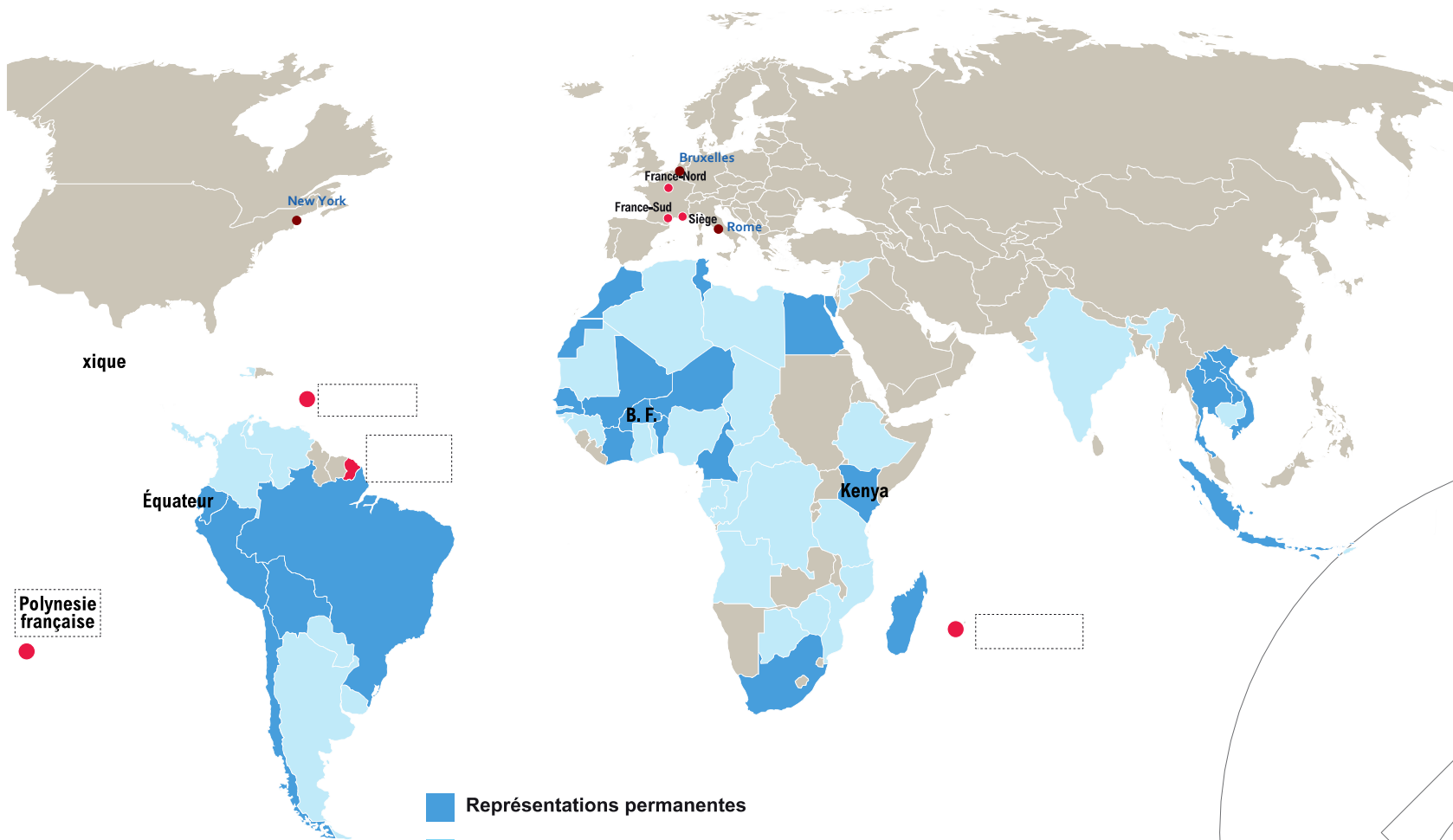
- 835 researchers
- 1214 engineers and technicians

**A research community
with more than 5,000 collaborators**

56 research units

3,650 scientific publications per year

**Nearly half of all IRD publications written with DCs
(doubling in 10 years)**



- Représentations permanentes
- Extensions régionales



IRD
 Institut de Recherche
 pour le Développement
 FRANCE

IRD's international presence

The basis of our model: close cooperation with scientific communities of DCs, necessary for ensuring the progress of universal science and a key component in supporting development

- ❑ Promotion of science in the French-speaking world
- ❑ Promotion of coordinated action of French actors in the field of development (in connection with research alliances)
- ❑ Scientific cooperation South / South / North

E.g.: cooperation between the Pan-African Agency of the Great Green Wall, CNPq (Brazilian National Council for Scientific and Technological Development) and the IRD

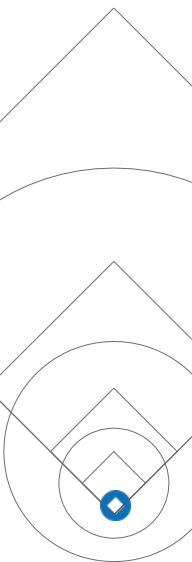
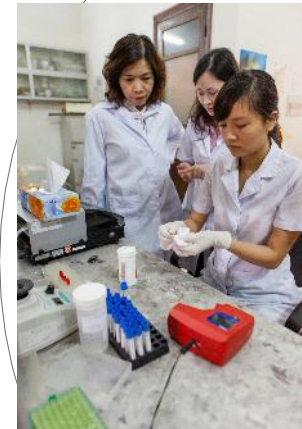
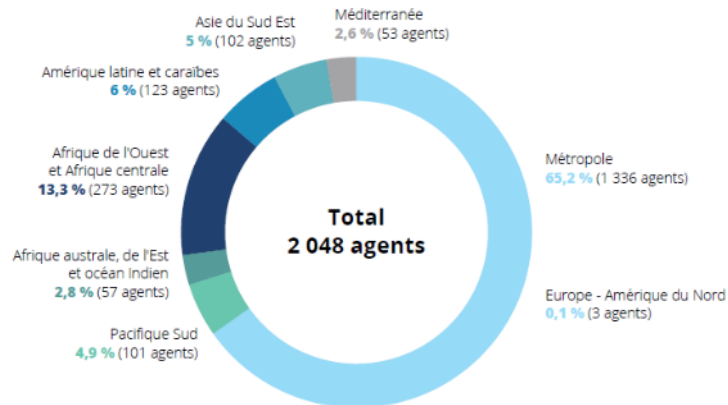


Répartition des personnels par zone géographique

(hors personnels locaux temporaires)

En pourcentage du nombre d'agents

Chiffres au 31/12/2015



Strong convictions which guide our action...

Scientific advances are a prerequisite for building a sustainable and humanist civilisation project.

The development of research and innovation capacities and the overall expansion of higher education are key elements of international cooperation.

The UN's new international agenda concerning sustainable development goals (SDG) must be a framework for our action.



Strengthening scientific capacities



Training, exchanges, co-construction

- Supporting the training of PhD students and the ongoing training of partners (supervision, thesis grants and continuing development, etc.).
- Supporting communities in research and teaching activities such as the young teams associated with the IRD (JEAI), International Joint Laboratories (LMI) and the International Joint Units (UMI).
- Taking part in the structuring of educational and research systems in DCs (in particular Masters)

Innovate, develop, distribute

Contributing practically to the reorientation of our development models towards sustainable development paths

Co-creation with private and public development partners in search of ideas or technology from research in order to develop lifestyles and economic models

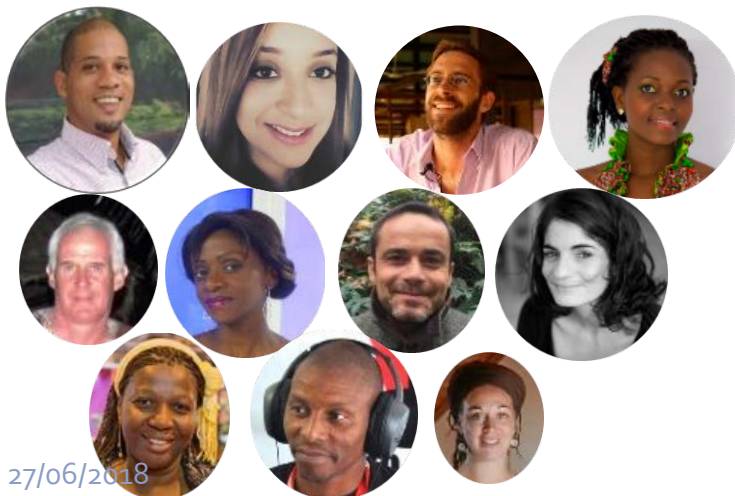
- Expert group review and consultancy.
- The "CVT Valorisation Sud" (*future investment* programme, €9M over 9 years) for technology transfer.
- Knowledge sharing (MCST/books, films, exhibitions, innovative educational initiatives, conferences, etc.).
- A project dedicated to innovation related to research and development (Campus of Innovation for the Planet, in Bondy).

The IRD supports innovation



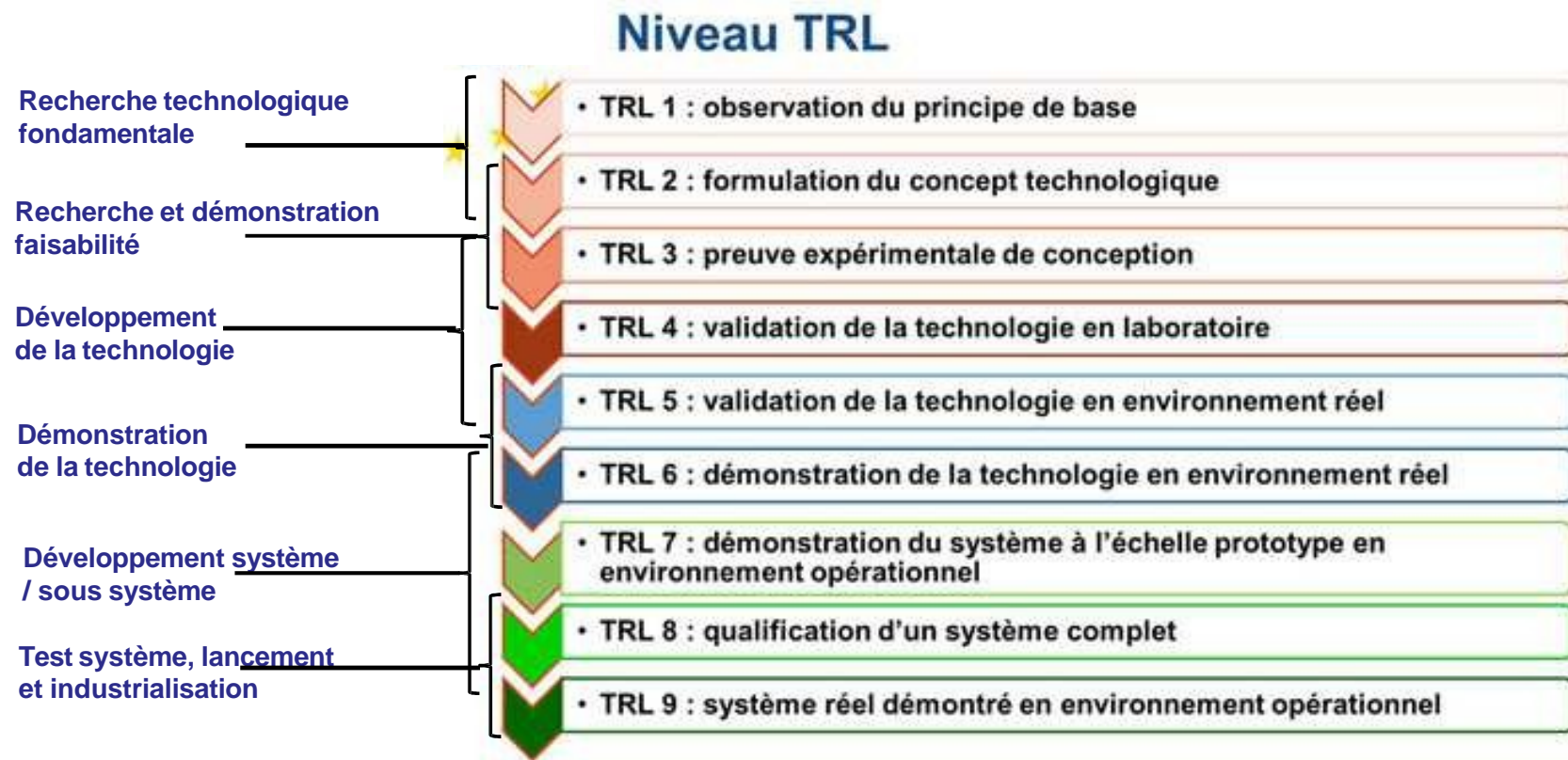
In 2016, the IRD piloted, on behalf of the Ministry of Foreign Affairs and International Development (MAEDI), the "*La France s'engage au sud*" (France commits to the Global South) initiative, which rewards 10 promoters of social innovation projects in the Global South.

The IRD with Bond'innov and Make sense, is following the successful projects of 2015.



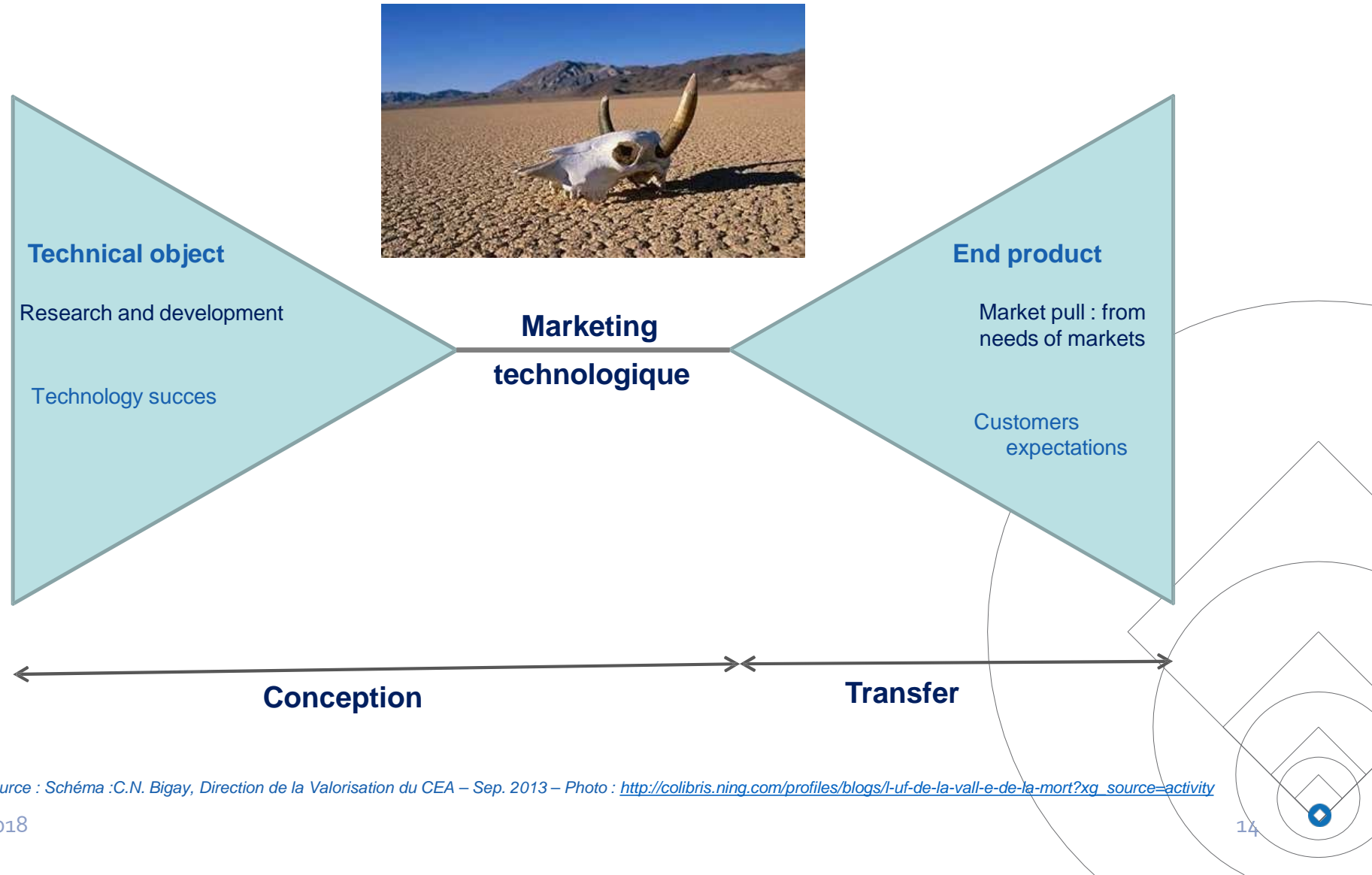
Degree of maturity of innovative technology

Technology Readiness Level Scale (TRL) allows to locate the distance of a Technology to its access to the market



Source : <http://www.horizon2020.gouv.fr>

Degree of maturity of innovative technology



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Firsts steps in favor Entrepreneurship and Competitiveness since 1999

■ *Au niveau national de 1999 à 2010*

La loi sur l'innovation et la recherche de 1999 favorisant le transfert de technologie

Création du concours national d'aide à la création d'entreprises en 2000, rebaptisé I-LAB

Création des incubateurs d'entreprises innovantes liées à la recherche publique en 2000

Création de fonds d'amorçage, de structures de valorisation et de fonds de maturation de 2000 à 2005

Création des pôles de compétitivités, institut Carnot, etc. sur la période 2005-2006

Création des DMTT – « Ancêtre » des SATT en 2005

Création de l'ANR en 2005 sous la forme d'un G.I.P . Elle devient E.P.A en 2007.

Mise en place de dispositions fiscales favorables aux entreprises innovantes (CIR / FCPI / JEI/ loi TEPA)

Mise en place d'un cadre juridique favorable aux entreprises innovantes (SAS)

■ *Au niveau régional en Provence de 1999 à 2010*

Création de 3 incubateurs en région PACA, dont l'incubateur IMPULSE (incubation)

Création de Protisvalor (valorisation) , Valorpaca (maturation), Primavera (amorçage)

Création de 9 pôles de compétitivité, de Prides, d'un institut Carnot, etc.

2nd stage with « Grand Emprunt » and Investissement for the future

35 Md€ sont mobilisés au titre du grand emprunt national, dont 21.9 Mds€ sont dédiés à l'enseignement supérieur et à la recherche.

■ Au niveau national à compter de 2011-2012

Renforcement des dispositifs existants (Fonds amorçage, incubateurs, Pôles de compétitivité, etc.)

Création d'instituts et de pôles d'excellence

Création d'instituts de recherche technologique favorisant la recherche partenariale (IRT)

Création de Labex, d'Equipex, IHU, etc.

Création des SATT, CVT, FNA, du label FrenchTech, etc.

Création du statut d'« Etudiant-entrepreneur » et des pôles « PEPITES »

■ Au niveau régional en Provence ...

Création d'Amidex, création d'un IHU, de fondations, de CIMTECH, d'un Fonds FNA, d'un CVT, etc.

Création de Labex, Equipex, cohorte, etc.

Substitution du DMTT « Valorpaca » par une SATT (maturation et licencing) : la SATT Sud Est

Today dozens of actors, devices, structures ... contribute to support the creation of innovative companies and the transfer of technologies.

■ **Advantages ...**

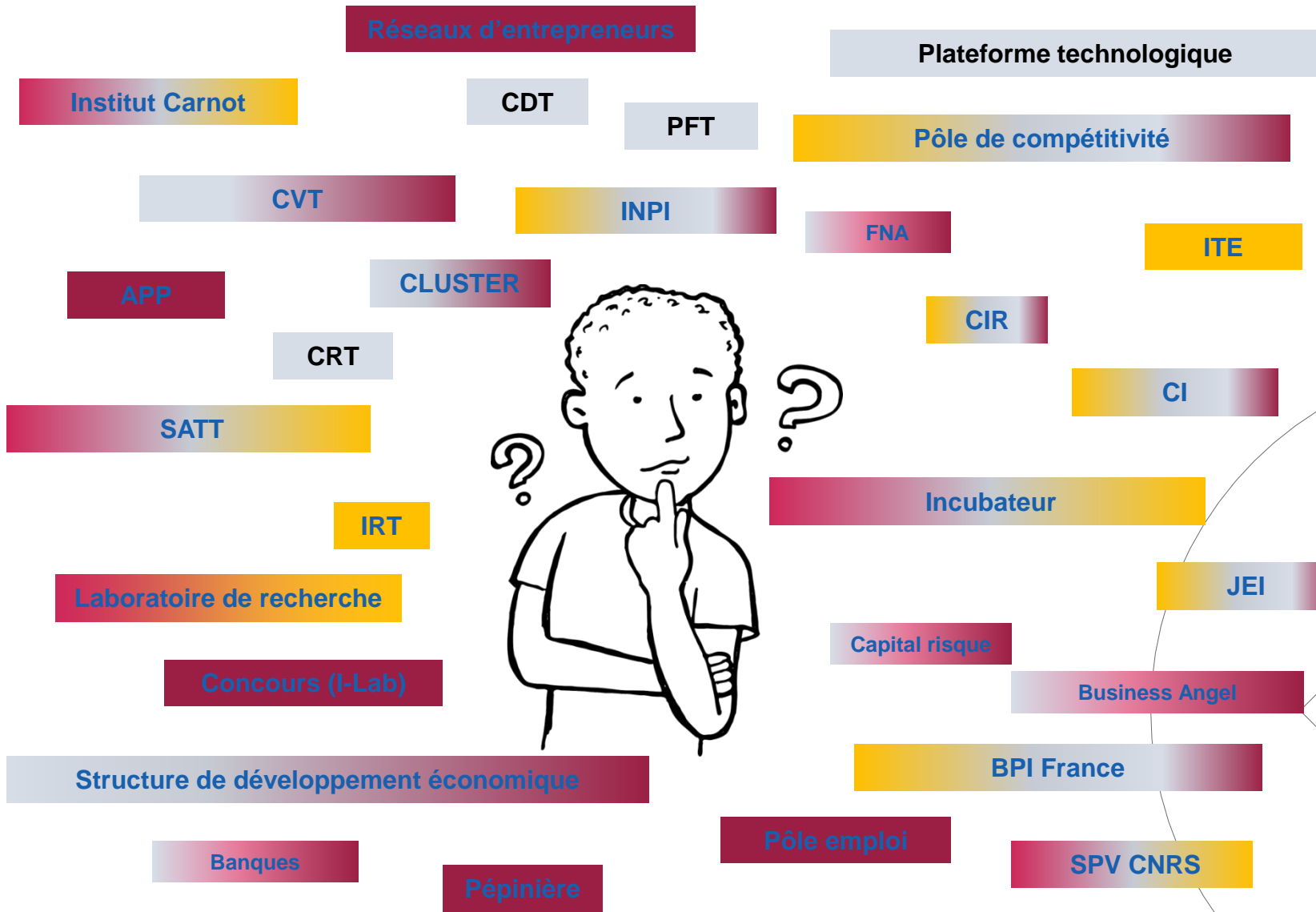
At each stage in the life of a creative project, an actor or actors can intervene to help you make your projects a reality. These interventions can be linear or concurrent. The same applies to legal frameworks or fiscal arrangements.

■ **Downside ...**

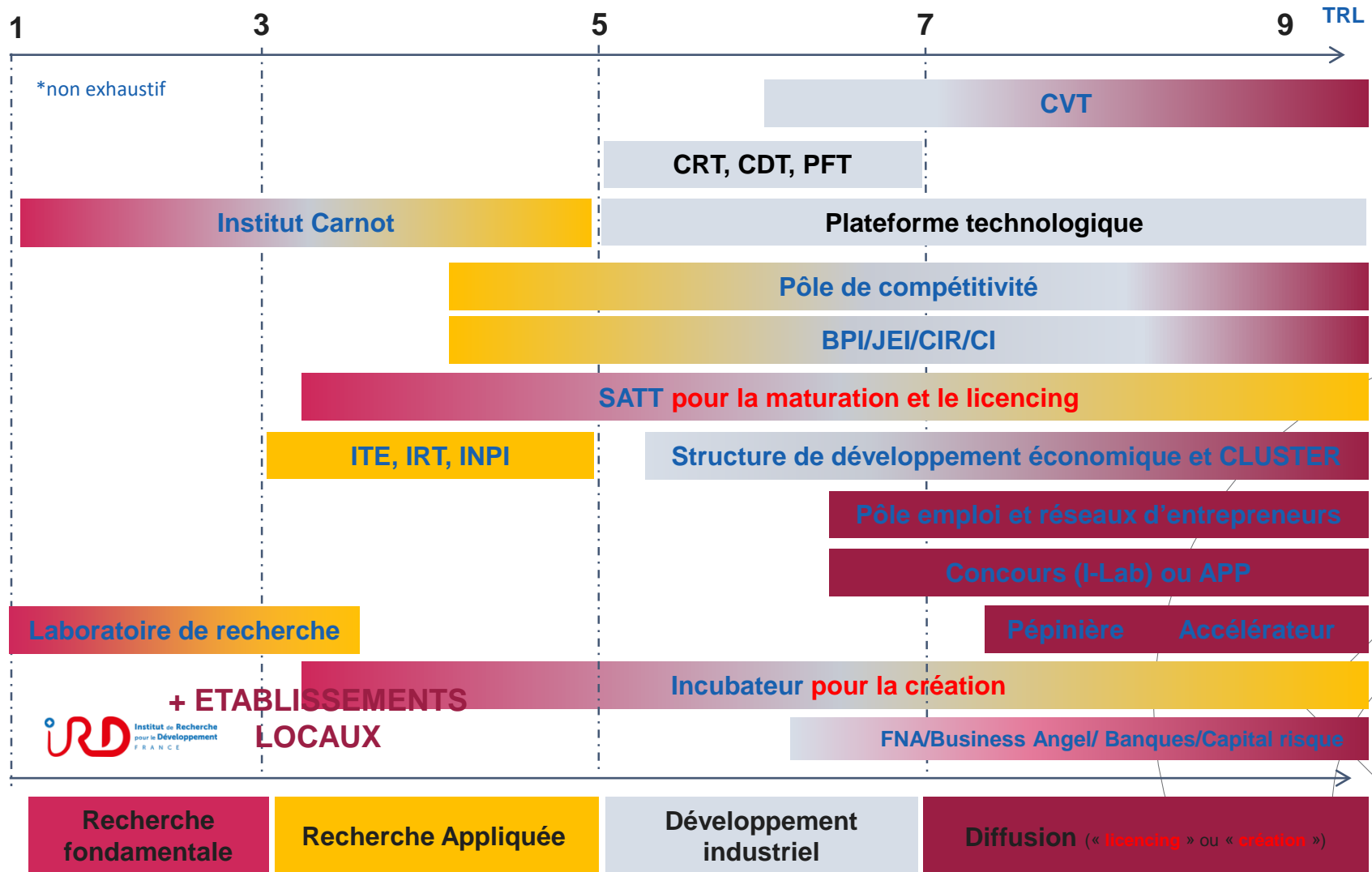
The relative complexity of the network of different actors or legal frameworks or tax systems can make the creator's path difficult, especially if the path is not ordered

So it is better to be accompanied...
and anticipated!

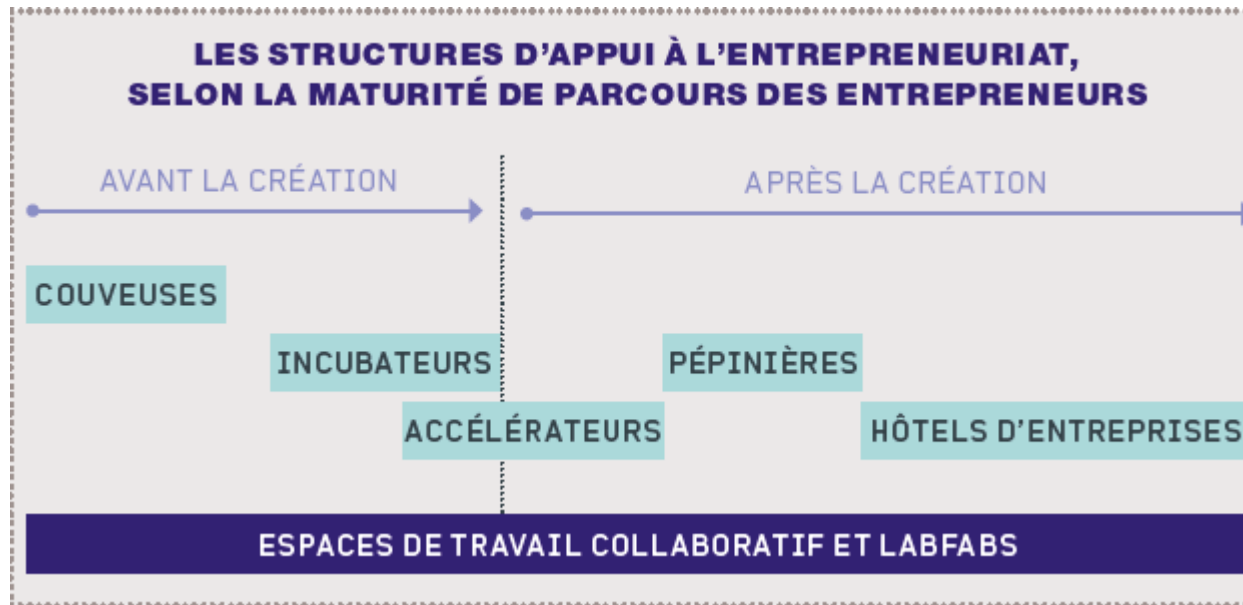
Without reading grid ...



With reading grid ...



Support structures



Support structures

« LA COUVEUSE » TO TEST

- ◆ The couveuse welcomes the project leader before the company is created. Its objectif : validate the project before taking the step. The couveuse provides entrepreneurship advice and support services.
 - ◆ For example, it is the incubator that issues invoices, monitors accounting and manages taxes.
- ◆ The couveuse is in principle a public or semi-public structure, whose support is limited in time.

Support structures

THE INCUBATOR TO INNOVE

- ◆ The objective of the incubator is to support the key stage of " gestation " of innovative projects, i.e. projects that require maturation before the marketing phase and that often have a significant development potential (income, employment, impact...)
- ◆ The incubator is a structure which intervenes early in the innovation process (the company is not yet created, or is very young) and which will accompany the entrepreneur only during his start-up.
- ◆ Incubators can be thematic, i.e. specialised on particular sectors (telecommunications, health, environment in particular) or specific targets (such as students or women).
- ◆ They may operate on a public (grants or repayable advances) or private (leasing, equity investments or corporate philanthropy) model.
- ◆ Entry into incubators is often conditioned by economic or innovation criteria. The services offered depend on structures : provision of offices, training and assistance to the entrepreneur, financial assistance for start-up, support for innovation...

Support structures

THE ACCELERATOR TO SUPPORT FOR DEVELOPMENT ECONOMIC

- ◆ The accelerator is a structure designed to support the development of companies already created, but still young.
- ◆ It offers short training and capacity building programs (a few months), to finalize a product / service or business plan, and then accelerate the commercial and financial development of the company.
- ◆ The accelerator is characterized by its ability to create network, organize events to promote projects or business meetings.
- ◆ It is often a thematic structure, specialised on a niche market, and a private structure, remunerated through equity or mixed financing..

Support structures

THE NURSERY TO DEVELOP MORE SERENELY

- ◆ The nursery is the structure, often public, which intervenes after the incubation phase or the incubator, and this during a time which varies in principle from three to five years
- ◆ It offers an environment that facilitates the development of the business at affordable costs, such as private or open offices, telephone and photocopying services, meeting rooms, sometimes even business and storage premises ...
- ◆ It is also a place for exchange and networking for entrepreneurs who have already created their business. The latter find support and accompaniment services in the form of collective or individualised services: advice, training or shared services for entrepreneurs

Support structures

COWORKING SPACE, TO WORK WITHOUT BEING ISOLATED

- ◆ Open to anyone looking for a place to work, the collaborative workspace (also called co-creation space) is a space shared between several self-employed workers. It is also referred to as a "third place"
- ◆ Workstations can be rented by the day or for a longer period, depending on the centre
- ◆ These are places where there is also a shared mode of operation, where exchange and conviviality are encouraged, and which offer proximity with other self-employed workers, sometimes on a subject of common interest. The collaborative workspace is more suitable for independent contractors or very small teams.

Support structures

FABLABS

- ◆ FABLABS, or manufacturing laboratories, are places open to all types of public where all kinds of tools are made available, including computer-controlled machine tools, for the design and manufacture of objects
- ◆ Initiated in the United States of America in the late 1990s, within the Massachusetts Institute of Technology (MIT), the trend of manufacturing laboratories is spreading to the African continent
- ◆ According to the fablabs.io website, which lists manufacturing laboratories around the world, there are eighteen in Africa, including six in French-speaking Africa (data as of September 2015).

OUR FOUNDERS



French National Research Institute for Sustainable Development)



Technoparc for life science companies



French university



The county



City association



The city that welcome us !

Our objectives :

support and accelerate innovations success with southern countries

Our ambitions :

- Boost the economic ecosystem and create job through start-ups success.
- Develop economics and scientific collaboration between northern and southern countries
- Foster entrepreneurial vocations.

Our values:

#Inclusion

#Diversité

#Entraide

#Excellence



Bond'innov

Our services

Bond'innov
incubation

Coaching, event,
supports, ...

Bond'innov
financ€ments

Loan Funds

Bond'innov
fOrmations

Masterclass and workshop
program

Bond'innov
eXpertises

Studies and consulting

Afric'innov
COMMUNAUTÉ D'INCUBATEURS

Incubator network in Africa

Bond'innov



Innovation incubator



4 main services :

Business incubation

- Structured support on a 2 years period with mentorship, workshops, in-house experts, ...

Offices

- Private offices, co-working spaces, conference rooms,...
- Soft landing program thanks to IRD's network of offices located abroad and partner incubators.

Financial support

- 2 loan funds : « International & Sud » and "Afric'innov".

Visibility and Label

- A community of international entrepreneurs
- A network of partners working with the South : public and private donors, corporate, researchers, think tanks etc.

In 2017 :

30

early stage project per
year in face-to-face or
remotely.

359

Jobs

2,1M€

Annual revenue

2,1M€

Funds raised



Our partners



Our other activities

Afric'innov
COMMUNAUTÉ D'INCUBATEURS



Bond'innov
expertises

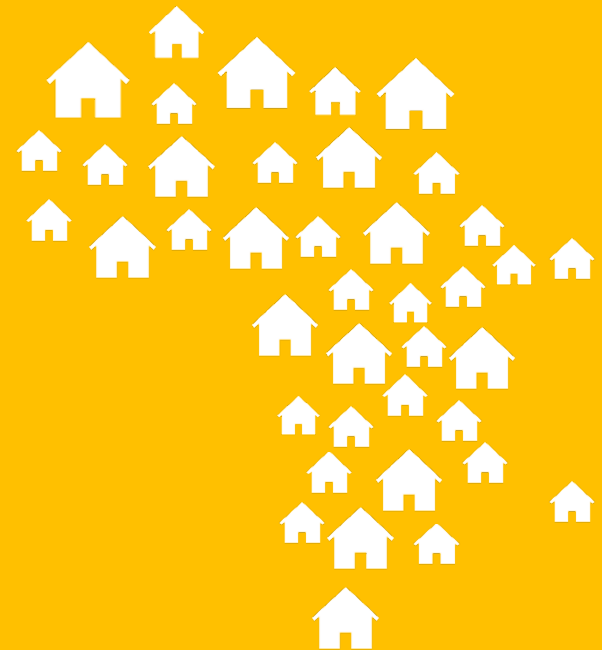


Incubators community

Incubators, accelerators and technological hubs have proliferated in Africa over the past 5 years to support early-stage African entrepreneurs.

But many of these organizations remain relatively new and isolated, with varying levels of professionalism and limited means and tools at their disposal

Afric'Innov was set up, aiming to professionalize these institutions supporting entrepreneurship.



Severals tools



Label



Digital library



€450 000 loan funds



Digital platform



Training program for
incubators staff



6

Incubators taht test
all tools and services



60

Incubators in the network from
15 different contries.

Copil's members:



develop expertises and projects to support entrepreneurial ecosystem in France and in Africa

We are also a place of expertise of innovation and startups linked with the South. Its team conducts studies and capacities development programs with partners from southern countries, or acting for the South.



Conseils et Etude

In 2015, we wrote the « Panorama des incubateurs », for the OIF



ORGANISATION
INTERNATIONALE DE
la francophonie



Formation

In 2018, we organize for the World Bank a training program for help 40 Organizations to be able to support more than 600 young entrepreneurs.



Project engineering

AMRUGE : In 2018, Bond'innov Expertise set up an Incubation program for the Ivorian Ministry of Higher education



CoLAB: Since 2017, Bond'innov Expertise conduct with partner a program to support the creation of multi-stakeholders projects in 3 countries Senegal, Ivory Coast and Burkina Faso.



Un guide unique en son genre pour investir et entreprendre en Afrique

En mai 2014, j'ai commencé à parcourir les routes de l'Afrique 2.0 dans le cadre d'un premier projet, [#TECHAfrique](#), qui m'a conduit dans une dizaine de pays africains. Un périple entrepreneurial à la rencontre des startups africaines, portées par des entrepreneurs passionnés qui prennent tous les risques pour innover et trouver des solutions, grâce au numérique. Ils m'ont confié leurs témoignages, m'inspirant un peu plus chaque jour.

*Après 15 mois de terrain et de rencontres, je veux aujourd'hui transmettre leur histoire dans ce livre, *Startup Lions*.*

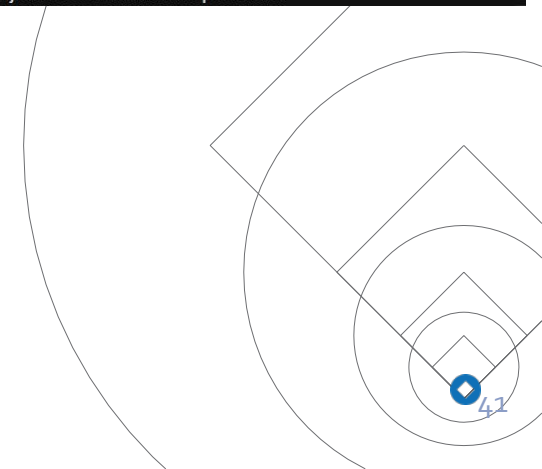


L'auteur de *Startup Lions* :
Samir Abdelkrim

Fondateur de [StartupBRICS](#) et de [#TECHAfrique](#)

Je suis depuis 2014 tech-reporter en Afrique, où je découvre tous les mois de nouvelles innovations qui transforment le continent. J'en rapporte des chroniques qui paraissent dans *Le Monde* et *Les Échos*, en plus de mes blogs. Ma passion pour les startups m'a même amené à donner une conférence à *South By South West (SxSW)*, le festival mondial de l'innovation à Austin (Texas). Mon livre *Startup Lions* est l'aboutissement de cette aventure. J'y partage les connaissances et l'expérience acquises durant mes voyages.

À votre tour de rejoindre la révolution startup africaine !



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A REVOLUTION IS WALKING

– MUTATION PERIOD

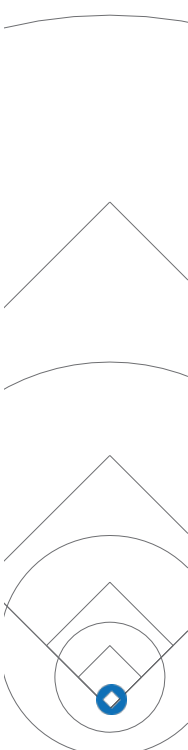
The classical world - based on determinism, reductionism, mechanicism, materialism - is dying // The end of industrial society based on machinery, capital, material values.

Paradigm change - 5 revolutions (scientific, technological, managerial, economic, societal) - simultaneously at work that herald major changes...

“A world is emerging based on digital, creativity, innovation, intelligence”

- **AT THE SAME TIME, PERIOD OF ABSOLUTE EMERGENCY**

Breaking the deadlock, inventing new ways of living, of producing, of consuming, of seeking... Solutions to SD challenges need to be found today



WHAT ARE WE EXPECT FROM SCIENCE NOW?

- **We expect a lot from Science in a period of mutations, complexity, risks**
 - Know, measure, shed light on complexity
 - Advise, anticipate (expertise)
 - Invent answers, solutions and possibly transfer them Innovate, with impact (responsible innovation)
 - Support research communities in the South to meet these objectives in the South ;
- **Does research for development cover topics that cannot be ignored in the face of SD challenges?**
 - Is research for development organized to navigate complexity?
 - Are training and capacity building adapted to the challenges and do they contribute to bringing Science and Society closer together?
 - Are we sufficiently mobilizing scientific expertise (collective, consulting, etc.) to address SD challenges?
 - Does research for development take advantage of the digital revolution to better meet the challenges?
 - Should the sequence: "I seek / I protect / I transfer" not gradually give way to processes of complete Co-creation // Place of IP protection?
 - How much of the research is open? Participatory? Not much in reality...
 - What incentive to open up?

At IRD, more than elsewhere, there is an opening to the societies of the South, a "participation"... but there was no strategy / no tools / no incentive this is the object of the reflections we undertook

WHAT ARE WE EXPECT FROM MOBILIZATION OF RESEARCH?

- What role for the Research and Innovation Mobilization Department in the development of IRD?
 - Mobilizing research to provide insights, answers, solutions to SD challenges: helping to strengthen the societal contribution of research
 - HOW.: by strengthening the science / society interface... by working on a visible and audible strategy, on incentives, on means, on tools
 - To innovate, invent solutions, in a complex context and, at the same time, full of opportunities, it is necessary to work on open science, on science at the heart of innovation ecosystems,
 - accompanying the IP/patent strategy,
 - definition of a partnership strategy with private stakeholders, etc: "Framework agreements" and "red line" agreements
 - Support to encourage innovation, from the interface Definition of what capacity building is, to serve research communities well, to work on their capacity to respond to SD issues
 - enlighten, mobilize expertise go where? Identify topics that are not covered? Bringing up local challenges?

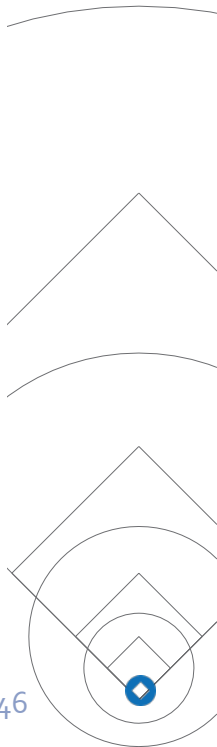
◆ Progressive evolution ...

- Before:
 - ◇ We detected in the labs and encouraged them to protect
 - ◇ We transferred when possible
 - ◇ We accompanied industrial partnerships on an ad hoc basis
 - ◇ We managed doctoral grants
 - ◇ We filled out consultancy
 - ◇ files Incentives publications / and patents
 - ◇ There were other approaches BUT inaudible, unknown or little known .. Not valued, underutilized

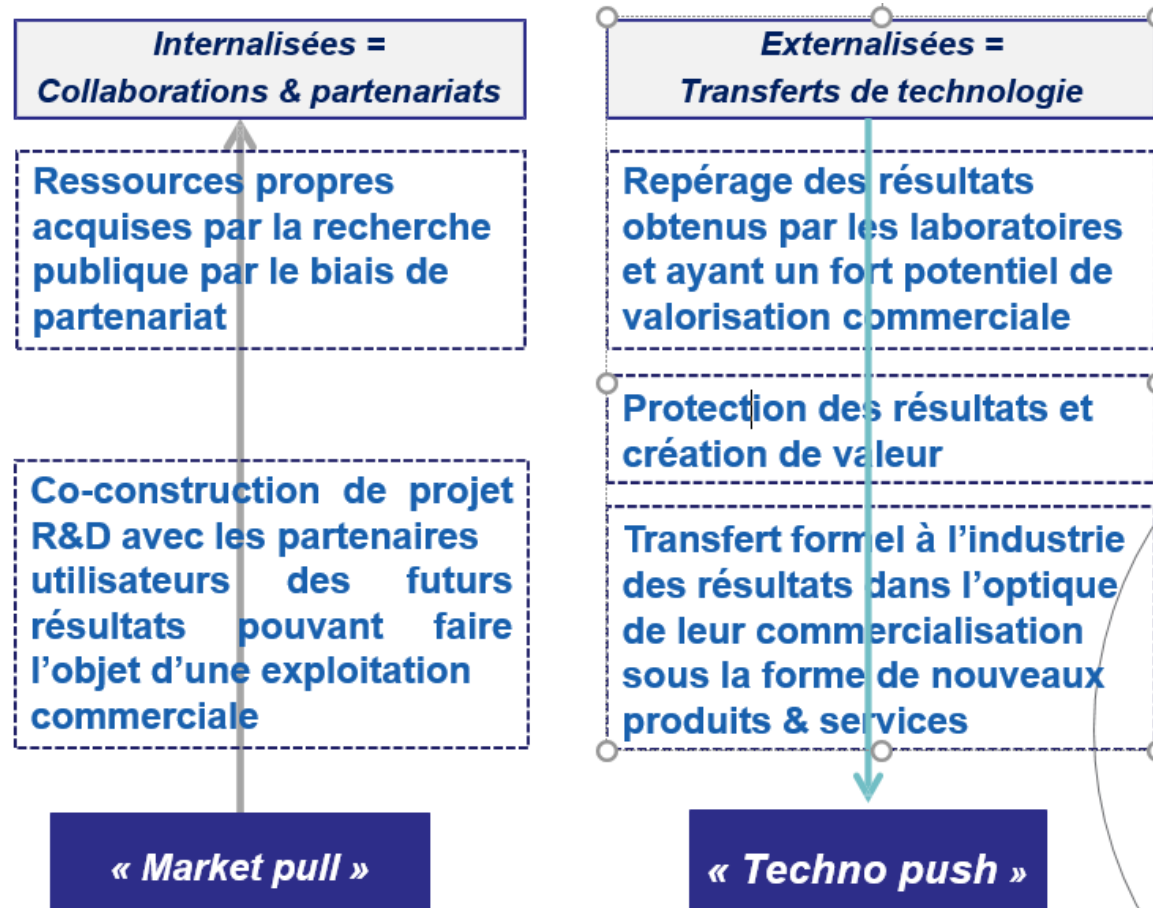


Consequences: holes in the snowshoe in the key subjects for SD / a stock of useless and expensive patents // missed development opportunities for lack of being with the right partners upstream // not ideal with regard to the mission in the south : emphasis should be placed on strengthening innovation and valo capacities

- Go to:
 - ◇ A presence on detection, but above all on exchange around needs, uses and potential for valorisation
 - ◇ A doctrine on the protection of IP
 - ◇ The long-term nature of partnerships, to get to know each other, to move forward together on research topics, to challenge each other, to go further together...
 - ◇ Support for open science and creativity (thus for exchange, sharing, etc.).
 - ◇ Support for the development of the territorial approach to innovation, CO-CREATION
 - ◇ Support for capacity-building tools on research and innovation topics with a strong societal impact



Techno push and Market pull



WORDS TO TALK ABOUT

- ◊ OPEN SCIENCE
- ◊ OPEN INNOVATION
- ◊ Sciences citoyennes / participatives
- ◊ Human
- ◊ Ethical
- ◊ Opening
- ◊ Exchange
- ◊ Open source, open lab
- ◊ Transdisciplinarity
- ◊ Community
- ◊ Third-location
- ◊ Co-working
- ◊ Co-creating
- ◊ Disruption



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Campus of innovation at *IRD*

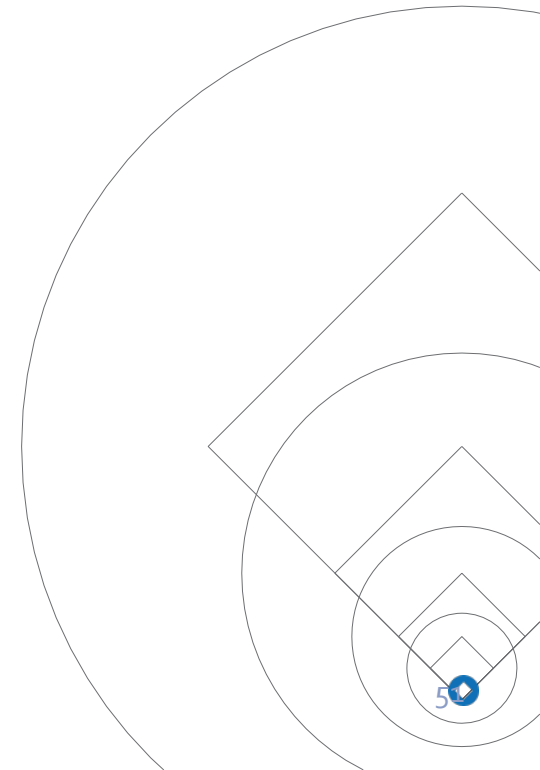


POS 2016-2030 OP 5.2

«Beyond technology transfer, strengthen IRD's place in open and responsible innovation and in the innovation ecosystems of developing countries»

COP 2016-2020 ACTION 3.2.1

«support for interfaces between research and society or the economy, the development of tools and formats to encourage collaboration between research teams and economic players or associations involved in innovation»



Campus of innovation to **AFFIRM transfer and innovation strategy at IRD**

Pôle Science

Créateurs de connaissances

- Ecologie, biodiversité
- Santé
- Océans
- Société
- Sciences et technologie
- ...

Pôle Appui à la recherche et
au rayonnement scientifique
internationale

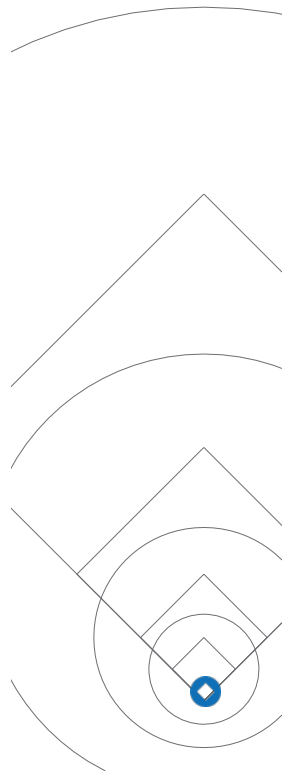
- Rôle ?
- Accompagnement au
changement
- Développement des usages
numérique et innovant

Pôle Développement, enjeux
globaux et partenariales

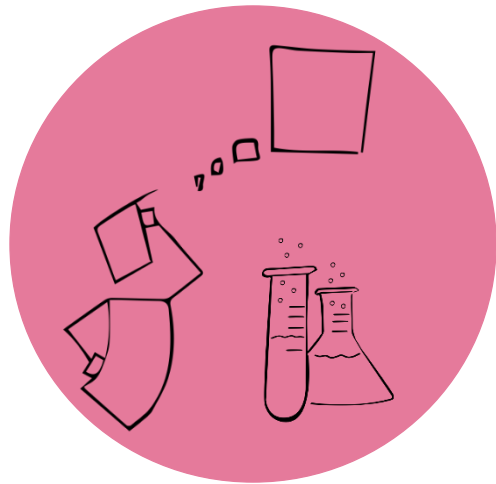
Facilitateurs en valorisant les
connaissances en innovation pour la
société civile

Grâce aux Campus de l'innovation

Campus of innovation to **CATALYZE** the innovation ecosystem



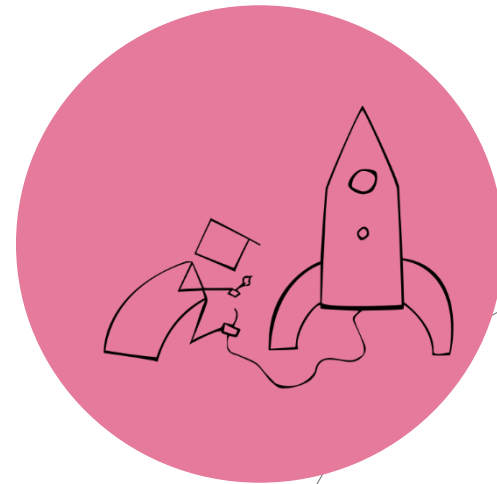
Campus of innovation to **TRANSFER Science research to civil society**



IDEATION

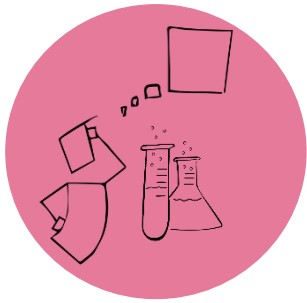


CONCEPTION



REALIZATION

"The Campuses of innovation promote the opening of science to society around research and innovation projects that tend to create solutions with societal impact for a sustainable future. »



IDEATION

between research and society

❖ To exchange:

- *Between researchers and civil society*

Le maquis des sciences : Présenter autour d'un café débat les thématiques de recherche présentes au Burkina Faso.

- *Between master, doctoral students and doctors:*

Tchat Docteur : Animer la communauté de master, doctorants et docteurs autour des enjeux de la recherche au Burkina Faso.

- *Between innovators and researchers:*

Les causeries du lab : Fédérer la communauté des créateurs et sensibiliser aux opportunités d'innovations pour la recherche et la société civile.





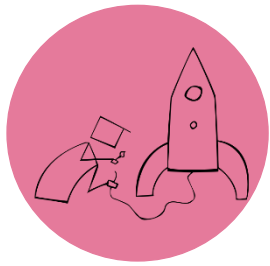
CONCEPTION

From idea to innovative solution

❖ To Make the links and Accompany:

- **Public research and innovation policy to better respond to the country's challenges**
- **Researchers and innovators**
 - **Innovators selected**
 - **Head of project** to consolidate their project with science
 - **Researchers who** want transferred to Sustainable
 - **Le chercheurs** who wish their results In positive impact projects for the territory





REALIZATION

De solutions innovantes

❖ To prototype and test

- Avec les fablabs et technopôles du territoire
- Faire le lien entre les innovateurs et l'expertise scientifique par le co-prototypage d'innovation.
- Au sein des fablab des Campus de l'Innovation
- Créer une vitrine des explorations scientifiques actuelles et créer de synergies avec les innovateurs, artistes pour concevoir les innovations adaptées au territoire.

Agenda

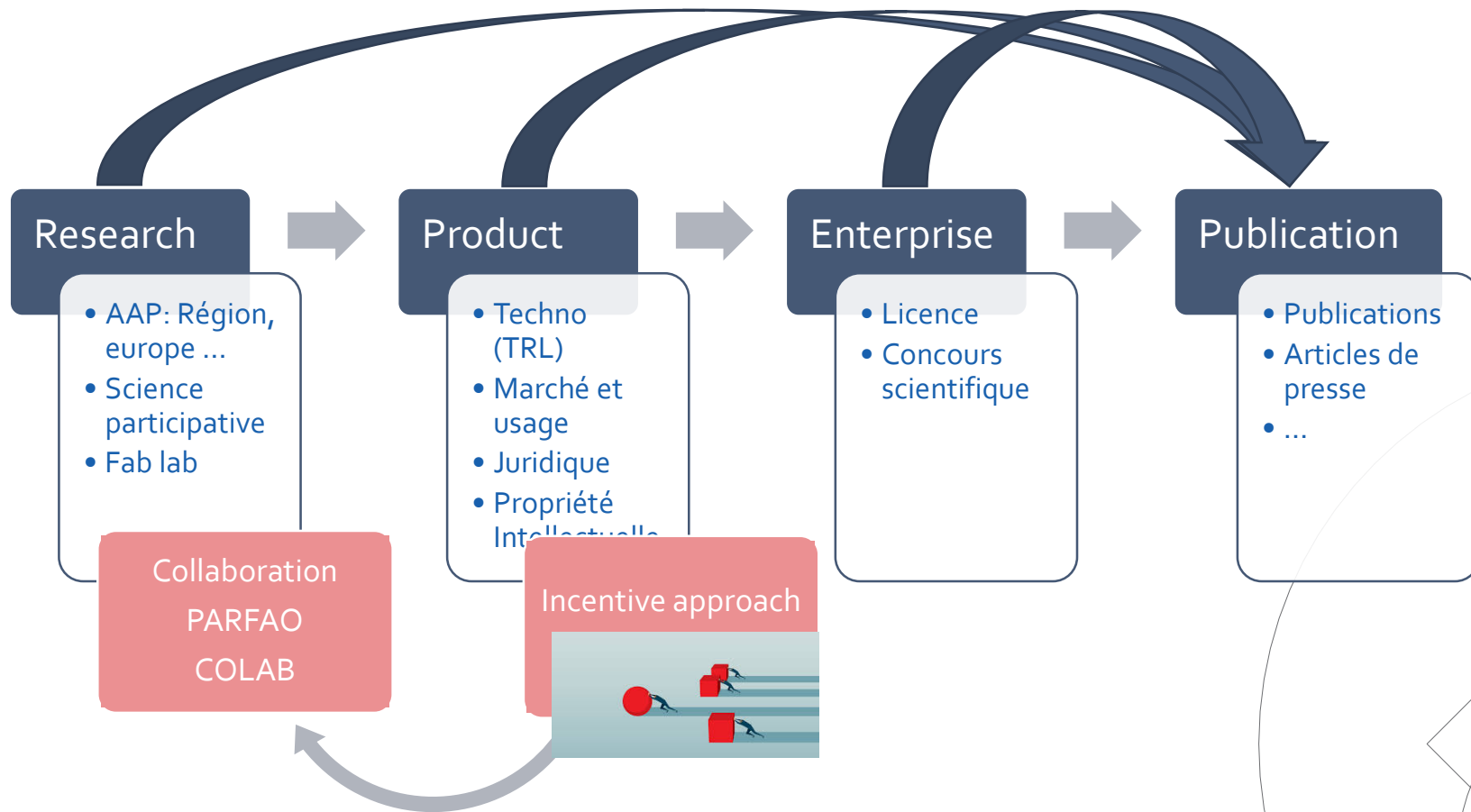
- ◊ Introduction
- ◊ IRD Présentation
- ◊ Innovation french actors
- ◊ Our vision about innovation
- ◊ Campus of innovation
- ◊ « **Incentive approach** »
- ◊ PMA and Colab : mutli-stakeholder project method

Définition Valorisation et Innovation

- ◆ Le Conseil National d'Évaluation de l'enseignement supérieur (CNE, France) définit **la valorisation** comme le moyen de « rendre utilisables ou commercialisables les résultats, les connaissances et les compétences de la recherche »
- **L'innovation** est un principe général lié aux capacités d'une société ou d'une entité individuelle distincte de celle-ci à créer ou trouver des solutions nouvelles



Chain of value



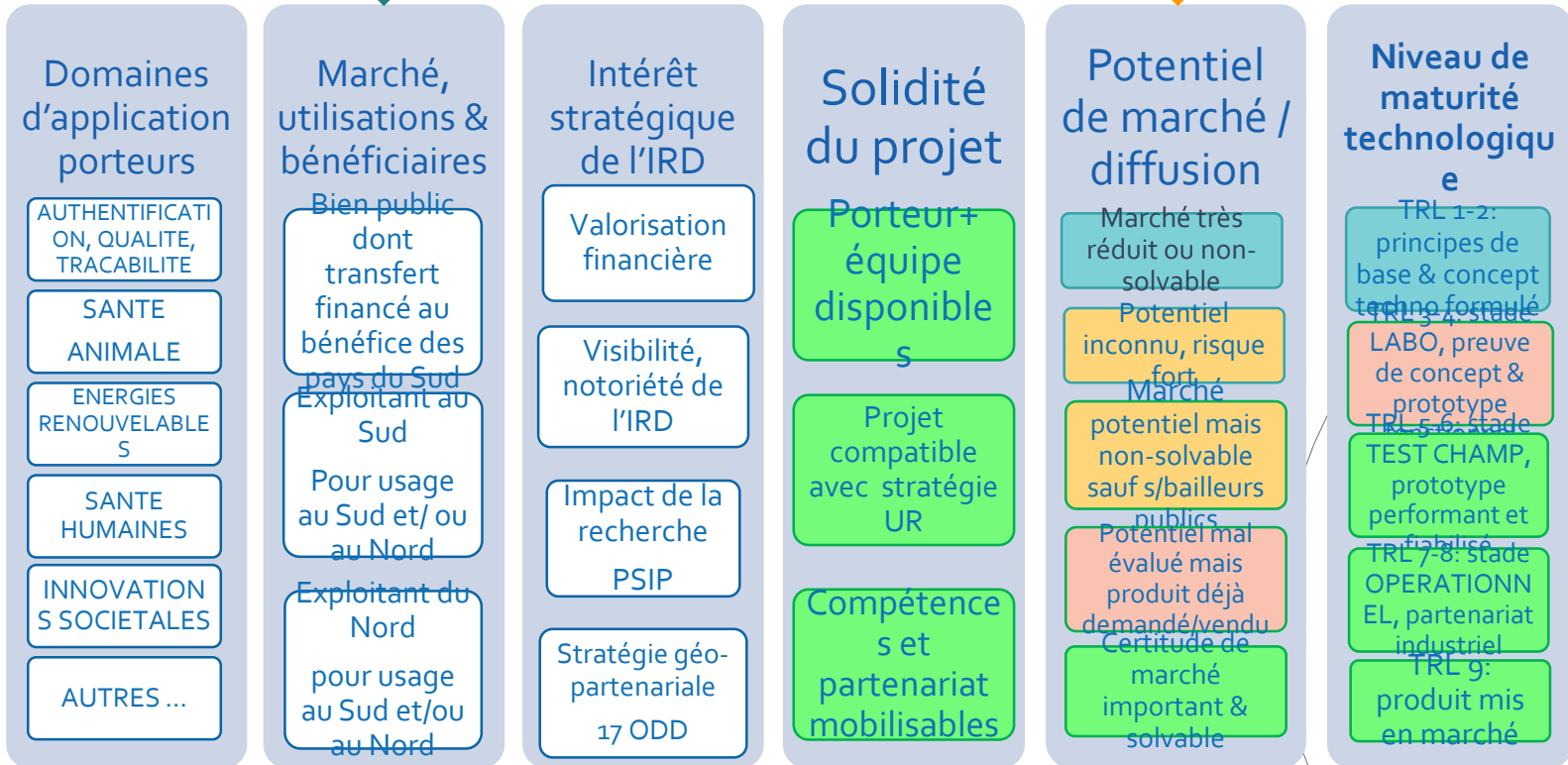
Rôle du SIV et critères de réussite

Caractériser la solution et en évaluer le potentiel

Trouver l'effet-levier de l'AA pour réussir l'accompagnement des solutions

Critères de caractérisation de la solution

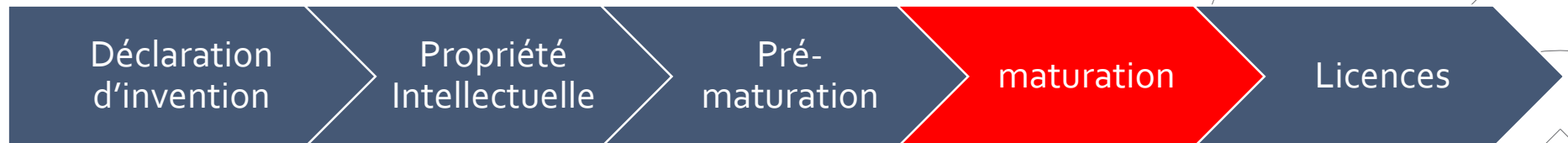
Critères de réussite



SATT = Interface privilégiée entreprises – recherche publique dans toutes les régions

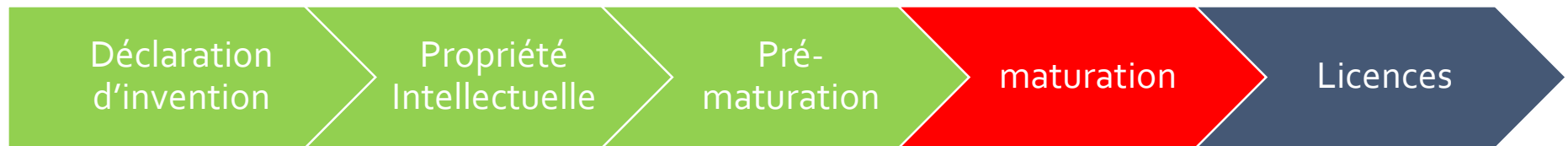
- ◆ Comblent le gap technologique entre les inventions issues de la recherche publique et leurs applications Industrielles
- ◆ Augmentent le TRL (niveau de maturité technologique) = Diminuer le risque pour l'entreprise

Accompagner les projets sur toute la chaîne du transfert, suivant les besoins des entreprises



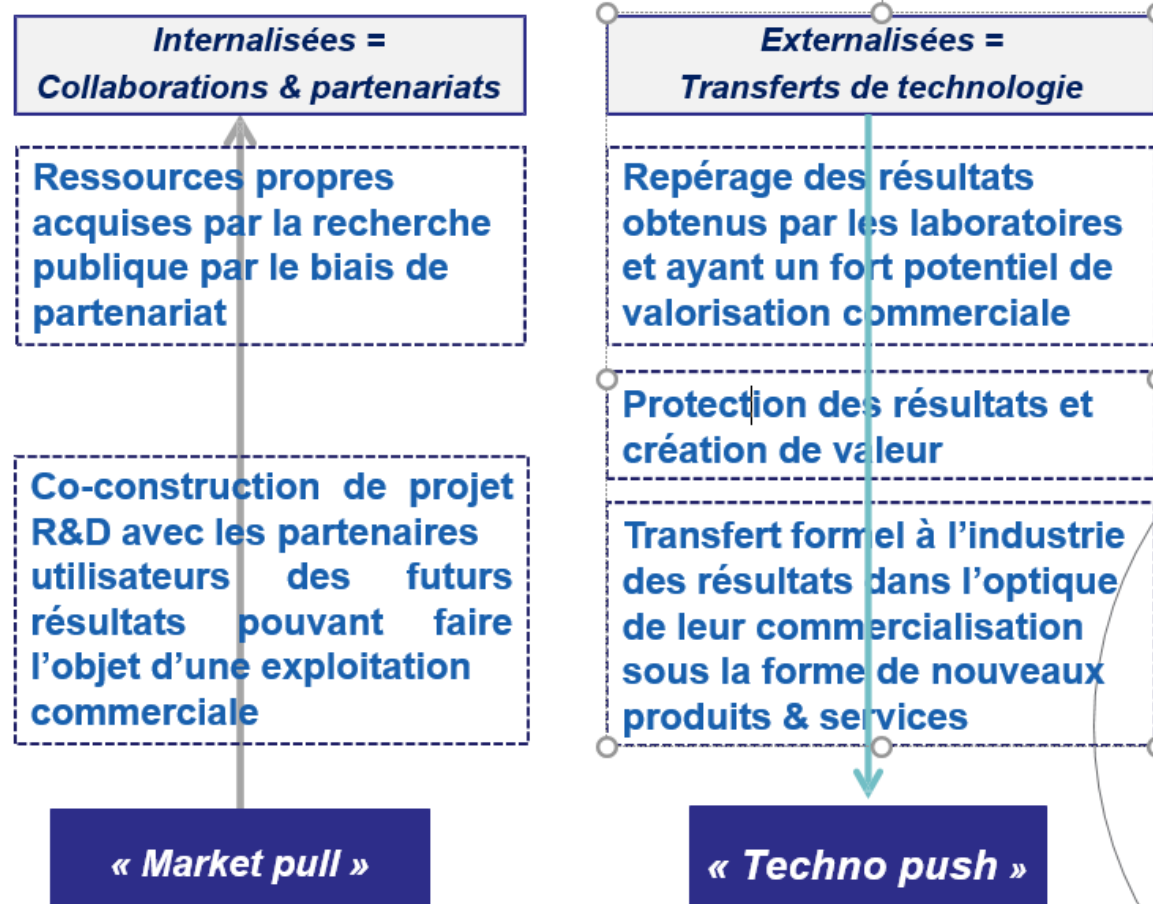
Et dans certains cas, création d'entreprises

Apport des actions amorçages dans les relations avec les TTOs



- ◆ Les actions d'amorçages permettent d'améliorer les mandats de valorisation vers les TTOs car:
 - ◆ Elles finalisent les projets jusqu'à un TRL2 ou 3, ce qui facilite l'action des TTOs
 - ◆ Elles clarifient en amont le contexte partenarial et les droits des tiers associés ;
 - ◆ Elles clarifient les droits de copropriété de la PI amont ;
 - ◆ Elles déterminent les éléments stratégiques à inclure dans le mandat de valorisation et la future licence.

Apport des actions amorçages dans les relations avec les TTOs



Agenda

- ◇ Introduction
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- ◇ Campus of innovation
- ◇ « Actions d'amorçage »
- ◇ **PMA and Colab : mutli-stakeholder project method**

Examples of collaborations with researchers



UMR152 - Pharmadev :

Co-incubation with Bio-incuba (Peru) : establishment of a business to sell insects (human food).



IEES Paris :

Production experimentation on IRD 's Innovation Campus



LSTM :

Creation of a bio-sourced water-retaining with a biofertilizer



EGCE :

Advices on the breeding of insect – France-Ghana



UR CAVIAR :

Exploitation of the ASIR patent (IRD/CNRS/Université Montpellier 2) – Aquaculture System for Integral Recycling



AGRICORA-LOCEAN :

Exploitation du expertise on climate risk management in Argentina

Why are we doing that ?

Mutualisation of problem and solutions → better efficiency of efforts

« It is not so necessary to make people work together, it is enough to make them work alongside !

» *N.Glady, 2015, Harvard Business Review*



Collaborative innovation

PMA = multi-stakeholder project (projet multi-acteur)

- ◆ Without giving a historical overview of collaborative innovation, it is useful to recall that it has been practiced for decades by private and public actors
- ◆ Whatever its form, collaborative innovation is based on the essential principle of encouraging innovation through multi-stakeholder partnerships
- ◆ The PMA is a form of governance or a means for a group of stakeholders to make decisions and act for the collective good, whether at local, national or international levels
- ◆ The PMA is a platform where stakeholders can learn together iteratively, where people can speak and be heard and where everyone's ideas can be harnessed to drive innovation and find solutions that are more likely to be in everyone's interest

Collaborative innovation

□ Les PMA are today in the place



One of the key lessons I have learned in my five years as Secretary General is that great partnerships are the key to the greatest challenges. When governments, the United Nations, business, philanthropists and civil society work hand in hand, we can accomplish great things.

Ban Ki-Moon, SGONU



The challenges we face are so great and the objectives so complex that we cannot do it alone. Whatever the issue, food security or water scarcity, it is clear that there is no institution, government or civil society that can find the solution.

.Paul Polman, PDG d'Unilever



We live in a time when the boundaries between the public, private and civil society sectors are blurring and breaking down. If we want to find solutions to poverty and injustice, it is in this blurred space, not in isolation, that we will find them.

Neil Keny-Guyer, PDG de Mercy Corps

Expected benefits of collaborative innovation

- ◆ Stimulation in the generation of ideas
- ◆ Sustainability of the project and maintenance of privileged links
- ◆ Strengthening of the network of expertise
- ◆ Better risk sharing Increased research and funding capacity
- ◆ Creation of research communities
- ◆ Optimization of costs through pooling of resources

PMA for different purposes

Focus on one problem



What can we do together to solve problem?

Focus on conflict

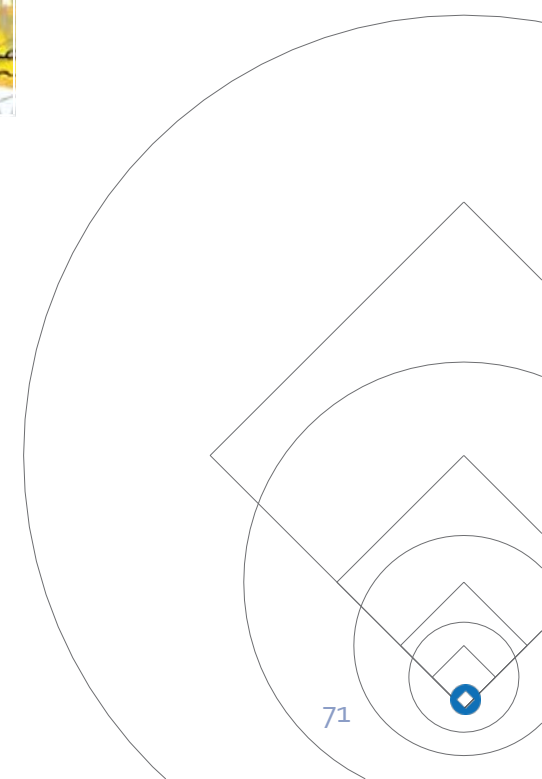


Sit and discuss once and for all to find a way out of this impasse

Focus on opportunities



Let's join forces to create more value for all of us

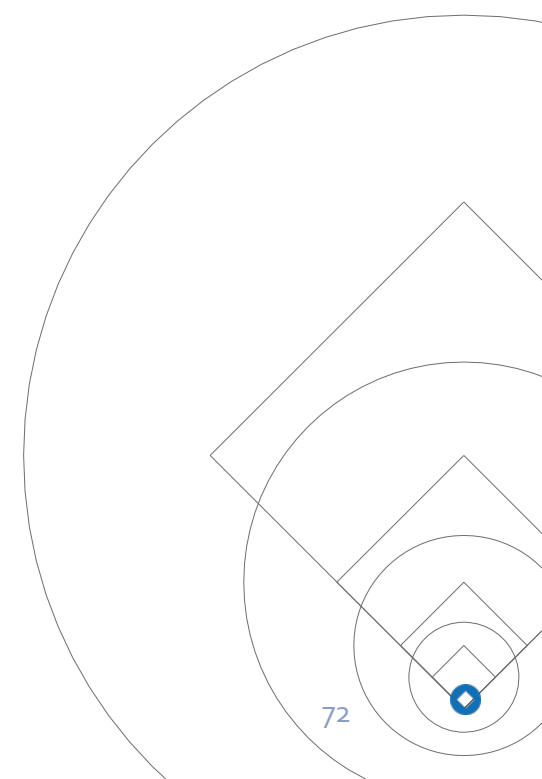


PMA

FOCUS on COLAB Project and Meet Africa

27/06/2018

72



CoLAB, collaboration booster

Our vision :

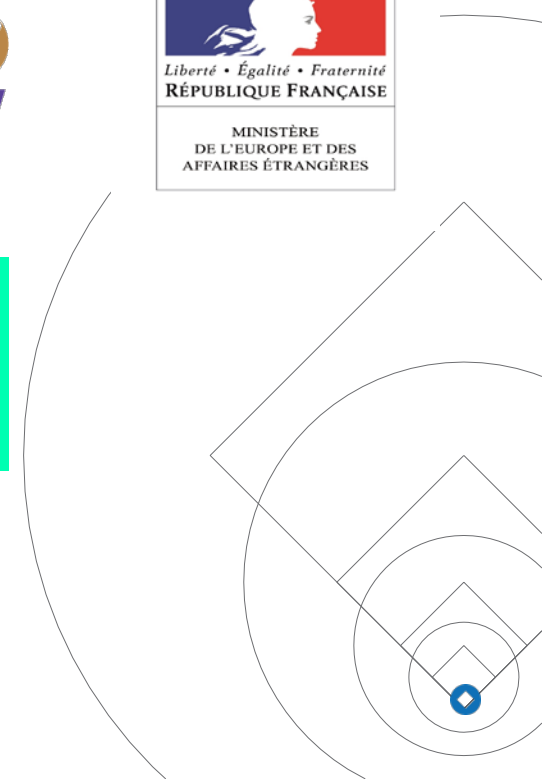
The SDGs can not be achieved by a single actor but by a collective mobilization !

This collective mobilization can only be done through a long-term collaboration and innovation dynamic !



First multi-stakeholder collaboration laboratory for responsible innovation

→ Facilitate synergies between researchers, citizens, corporations and startups to foster the development of sustainable activities.



After 6 month of CoLAB

750+
subscribers at
CoLAB's
newsletter


650+
people attending
18 events

60+
research project
shared

11
projects created

2100+
people interested
on social media

Hundreds
of potential
collaboration
identified



The support of CoLAB

6 month for achieving a successful collaboration !



The laureats in Ivory Coast



Incubation center for local products transformation



RET-PACI

LANADA

CNF

IFDC

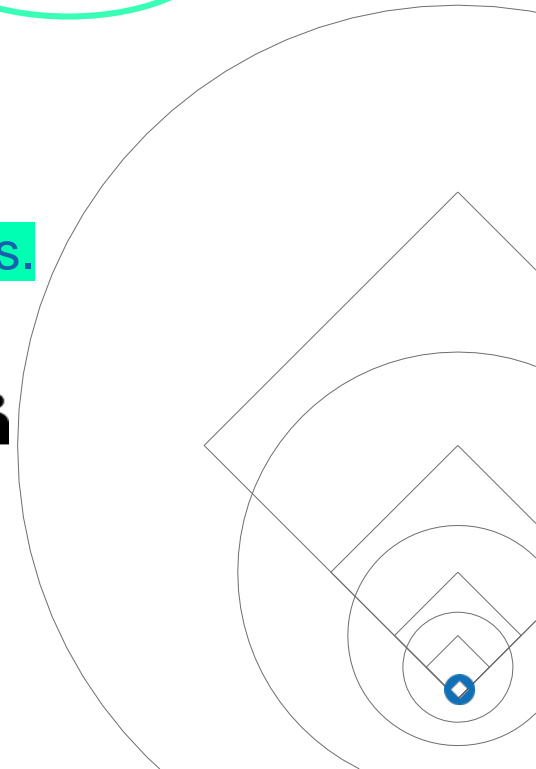
SLOW FOOD

A innovative selling model for Ivory Coast's agricultural products.

PAM

BVP

BFCD



The laureats in Senegal



Physical marketplace for bio and natural products "Made In Sénégal"



PDVA
Distribution

Sareko

Enda Pronat

Reinforce the resilience of rural communities thanks to agro-ecology techniques.

Eléphant vert

CNCR

ISRA

AVSF

MAER
BFPA



The laureats in Burkina Faso



PADITA : Support program to help spread/diffuse innovative agro-ecological techniques



RONGEAD

CPF

CNA Bio

INERA

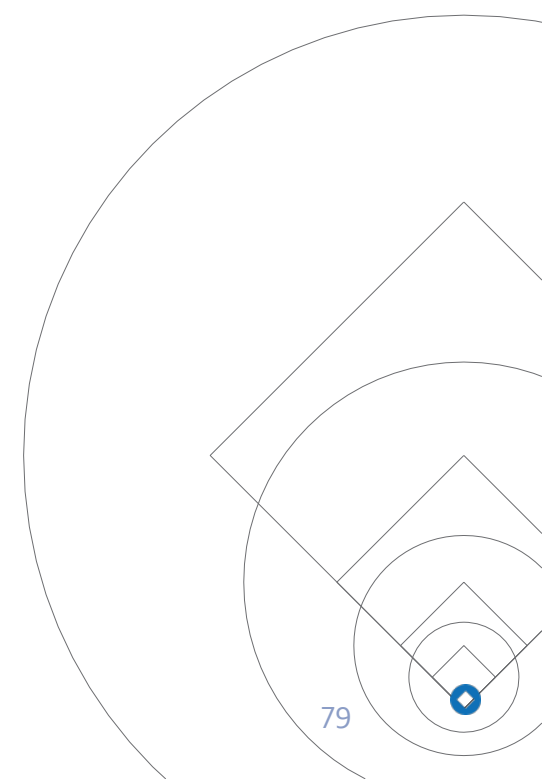
ACF

AVSF



PMA

FOCUS on COLAB Project and Meet Africa



Collaborative innovation



Meet Africa Program



Parmi les étudiants, chercheurs et professionnels africains formés en Europe, de plus en plus considèrent l'**entrepreneuriat** comme une voie d'insertion professionnelle. Ces derniers émettent le souhait de créer une entreprise dans leurs pays d'origine, autour de leurs savoir-faire scientifiques et/ou commerciaux, leur permettant de valoriser les compétences acquises durant leurs études.

A travers leurs projets de **création d'entreprise**, ces **diasporas** constituent des leviers importants pour le **développement de leurs pays d'origine**. Conscientes du potentiel qu'elles représentent, les autorités africaines et européennes ont décidé de mettre en place des politiques publiques pour mieux accompagner ces initiatives. L'accompagnement à la **création d'entreprises innovantes**, contribuant à la dynamisation des territoires et à la création de richesses et d'emplois qualifiés à long terme, en constitue un des axes majeurs.



Collaborative innovation



Meet Africa Program

Objectif principal de MEETAfrica

Accompagner **80 entrepreneurs** africains diplômés de l'enseignement supérieur français ou allemand dans la création dans leur pays d'origine, d'une entreprise à fort caractère technologique ou porteuse de **solutions innovantes**, dans le domaine agricole, industriel ou de services mais aussi soutenir les capacités des **pays africains** partenaires à accompagner techniquement les projets de création d'entreprise à forte valeur ajoutée portés par sa **diaspora**.

Durée du programme



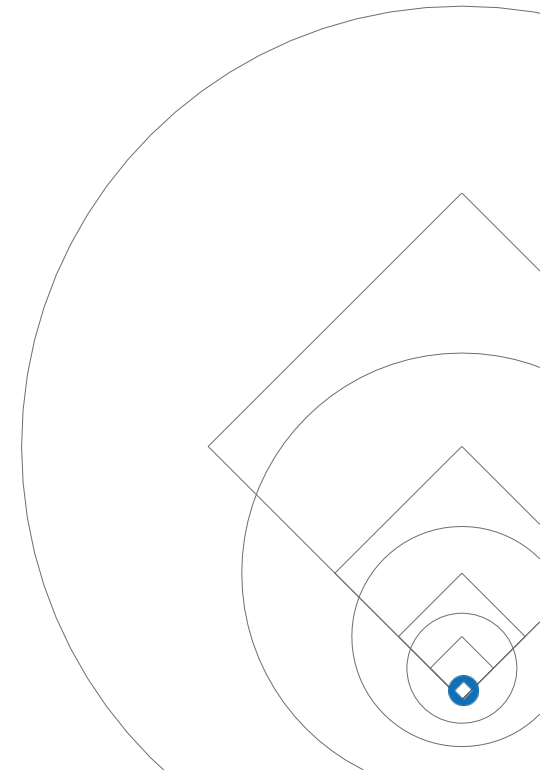
22 mois

de juin 2016 à avril 2018

Pays d'origine des entrepreneurs

- Algérie
- Cameroun
- Mali
- Maroc
- Tunisie
- Sénégal

And then ?





Science committed to a
sustainable future