Accueil des participants	13h15 – 13h30
C-BASC	
Présentation du projet (P. Leadley)	13h30 – 13h45
Débat	*13h45 – 14h00*
Conclusions du 1er Comité de pilotage du 7/9/21 (M. David)	14h00 – 14h10
Débat	*14h10 – 14h40*
Innovation : coup de projecteur sur le Living Lab	
Présentation (D. Spaak de Terre et Cité, P. Leadley)	14h40 – 14h55
Débat	*14h55 – 15h15*
Pause	15h15 – 15h30
Recherche : coup de projecteur sur les systèmes alimentaires	
3 présentations: C. Bonazzi de Sayfood, G. Meunier d'ALISS, E. Raynaud de SADAPT	15h30 – 16h00
Débat	*16h00 – 16h20*
Enseignement	
Propositions des coordinateurs de C-BASC (P. Martin)	16h20 – 16h30
Débat	*16h30 – 16h55*
Session ouverte: projets de la communauté	
Pitch de 2 min. par projet: T. Flutre et A. Cornille de GQE Le Moulon	16h55 – 17h15
Débat	*17h15 – 17h30*

C-BASC | université PARIS-SACLAY

Centre for Interdisciplinary Studies on **B**iodiversity, **A**groecology, **S**ociety and **C**limate

27 Sept 2021 – Getting Started!

C-BASC

***C**entre for Interdisciplinary Studies on **B**iodiversity, **A**groecology, **S**ociety and **C**limate*

French: **C**entre d'Etudes Interdisciplinaires sur la **B**iodiversité, l'**A**groécologie, la **S**ociété et le **C**limat

Proposal Leaders

Paul Leadley – Univ. Paris-Saclay

Philippe Martin – AgroParisTech

Maïa David – AgroParisTech

Project Manager

Diane Maurissen – Univ. Paris-Saclay

Parent Institutions

AgroParisTech / CEA / CNRS INEE / INRAe / IRD / Univ. Paris-Saclay / Univ. Versailles Saint-Quentin

What the university expects from the « Interdisciplinary Initiatives »

Federate, structure and mobilize teams whose **scientific excellence** is internationally recognized, around clearly **identified scientific and societal issues**;

Facilitate and support collaborations between teams from several Graduate Schools promoting **interdisciplinarity** at this level and bring added value to the university;

Based on Three Pillars: Research, Training, Innovation

Anticipate and lead advances on **scientific, technical or societal issues** that are at the heart of the university's mission;

Foster the development of **new training programs for emerging job markets;**

Promote collaborations with stakeholders from the socio-economic sphere with the goal to contribute to the **emergence of social, technical and technological innovations**.

C-BASC aims to contribute to the study, design and implementation of the ecological and agroecological transitions through interdisciplinary research, training and innovation.

- **At the international level** it addresses several facets of the 2030 Agenda on Sustainable Development and the European "Green Deal"
- **At the national level** it addresses two high-level policy, research and innovation objectives: the "ecological transition" and the "agroecological transition"
- **At the local level** it addresses two of the societal challenges prioritized by the Paris-Saclay University, "Biodiversity, agriculture and food" and "Energy, climate, environment, sustainable development", and contributes to making the university an important actor in sustainable local development

Interdisciplinary research and training are necessary to address the potential synergies and trade-offs in achieving the multiple production, social and environmental goals at all of these levels.

The C-BASC project brings together 370 scientists and staff from 17 laboratories and a wide range of fields of research

Ecology, Genetics & Evolution
ESE, GQE-Le Moulon, EGCE (≈ *IDEEV*)
Orsay / Gif / Saclay

Climate
LSCE
Saclay

Agronomy, Food Science, Economics & Social Sciences
Agronomie, ALISS, BIOGER, Economie Publique, EcoInnov, ECOSYS, PNCA, SADAPT, SayFood
Grignon / Versailles / Massy / Paris

Hydrosystems, Environmental Biotechnologies
PROSE, HYCAR
Antony

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Climate, Environnemental & Social Sciences
CEARC
Saint-Quentin

Economics
CIRED
Nogent-sur-Marne

C-BASC

Current location *– all of the laboratories will move to the Saclay plateau betwen 2021-2022, except the CEARC and CIRED*

AgroParisTech cea cnrs INRAE IRD Institut de Recherche pour le Développement FRANCE UNIVERSITÉ DE VERSAILLES ST-QUENTIN-EN-YVELINES université PARIS-SACLAY université PARIS-SACLAY

Research and innovation in C-BASC spans three axes that are distinguished by the levels of organization that are the focus of study:

- **Understanding and accompanying the transition to sustainable socio-ecological systems**, with a focus on the study of the conditions for emergence of individual behaviors, social organization, public policies and corporate strategies in favor of public goods especially biodiversity and ecosystem services.

- **Ecosystem management and the agroecological transition**, with a focus on understanding the response of natural and agricultural ecosystems to environmental change, as well as the levers and barriers to implementing environmentally sound ecosystem management.

- **Dynamics and management of biodiversity**, with a focus on improving management of natural and agro-biodiversity based on knowledge of the genetics, evolution and adaptation of agricultural and wild species as well as intra- and inter-specific interactions.

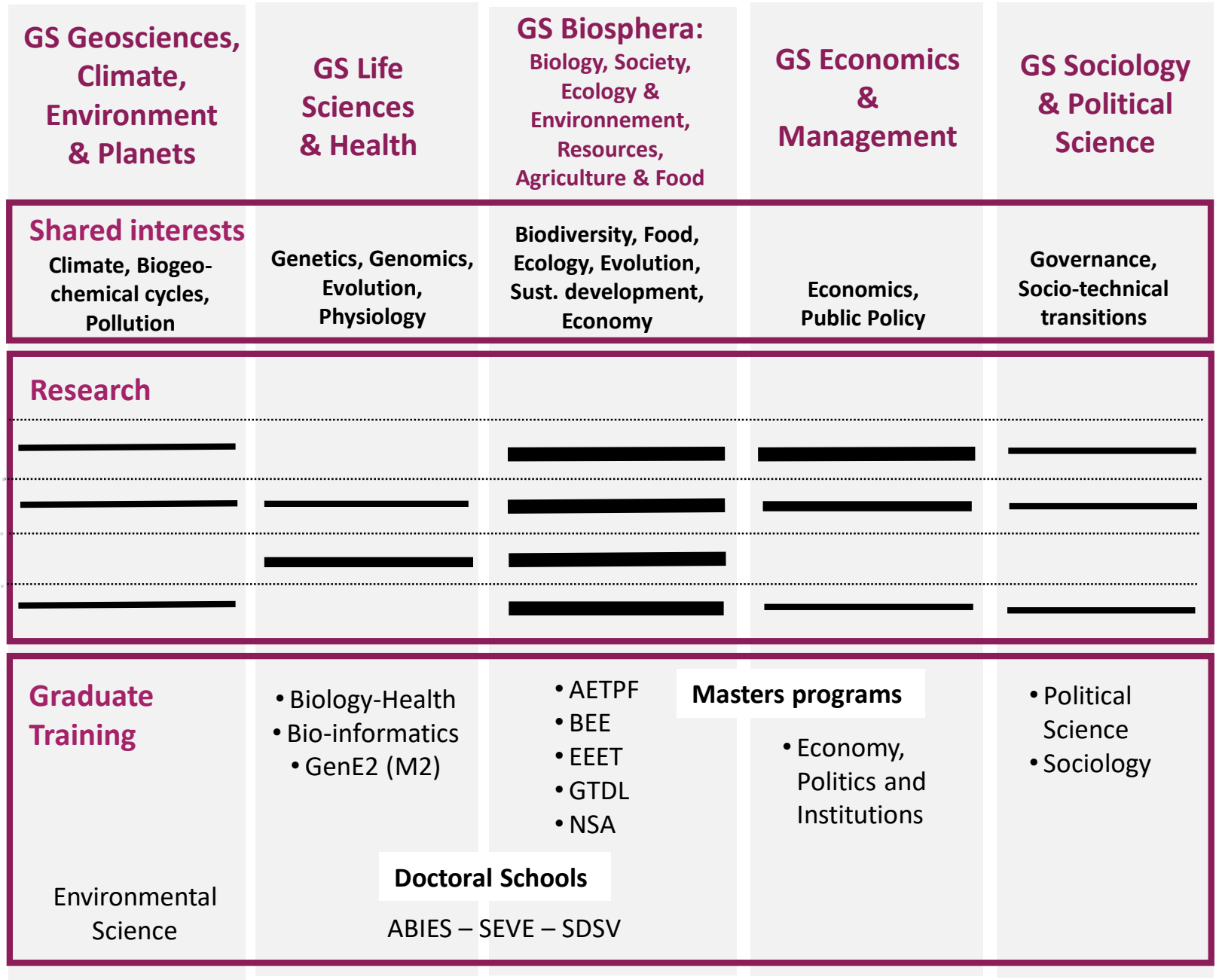
Plus an axis that encompasses all three levels of organization

- **Fostering sustainability in periurban territories** with a particular focus on the southwest periurban area of Paris

C-BASC ties with Graduate Schools (GS)

C-BASC Research and Innovation Axes

- **Axis 1: Understanding and accompanying the transition to sustainable socio-ecological systems**
- **Axis 2: Ecosystem Management and the Agroecological Transition**
- **Axis 3: Dynamics and Management of Biodiversity**
- **Axis 4: Fostering sustainability in periurban territories**



Animation

- ***Réseaux***
  - **Polluants and écotoxicologie**
    - Suite d'un réseau BASC et collaborations avec les réseaux régionaux et nationaux
    - Dynamiques des polluants + surveillance environnementale
    - Elargir à: atténuation des effets néfastes des polluants + réponses pour réduire la pollution

  - **Agroécologie**
    - Suite d'un réseau BASC démarré en 2018
    - Interdisciplinarité: + alimentation
    - Collaborer avec les réseaux nationaux

  - **Modélisation**
    - Tous nos domaines de recherche
    - Ex. : code source ouvert, méthode bayésiennes hiérarchiques, incertitude des modèles…
    - Enseignement!

- ***Animateurs d'axes***
  - **Animation des thèmes au sein des axes**
  - **Animation des thèmes inter-axes**

Web site hosted by UPSay coming soon!

- ***Project Manager***
  - **Soutien à tous**

université PARIS-SACLAY

Training

Our training objectives focus on:

- Creating interdisciplinary curriculums for existing and emerging job markets
- Working closely with Graduate Schools (GS) to create links across our five associated GS and especially for training at the Master's and Doctoral levels
- Reinforcing ties between training, research and innovation

Three examples of interdisciplinary Master's and Doctoral training programs:

- Sustainable Food Systems
- Sustainable Periurban territories
- Biomathematics

Innovation

<u>Our innovation activities focus on:</u>

- **Knowledge transfer by traditional methods such as providing expertise and decision support tools.**

- **Participatory approaches to the conception, application and evaluation of transformative solutions (i.e., co-design).**

Governance, Funding and Organization

To be presented by Maia