

C-BASC

université  
PARIS-SACLAY

1<sup>ère</sup> journée scientifique

# Mots d'introduction

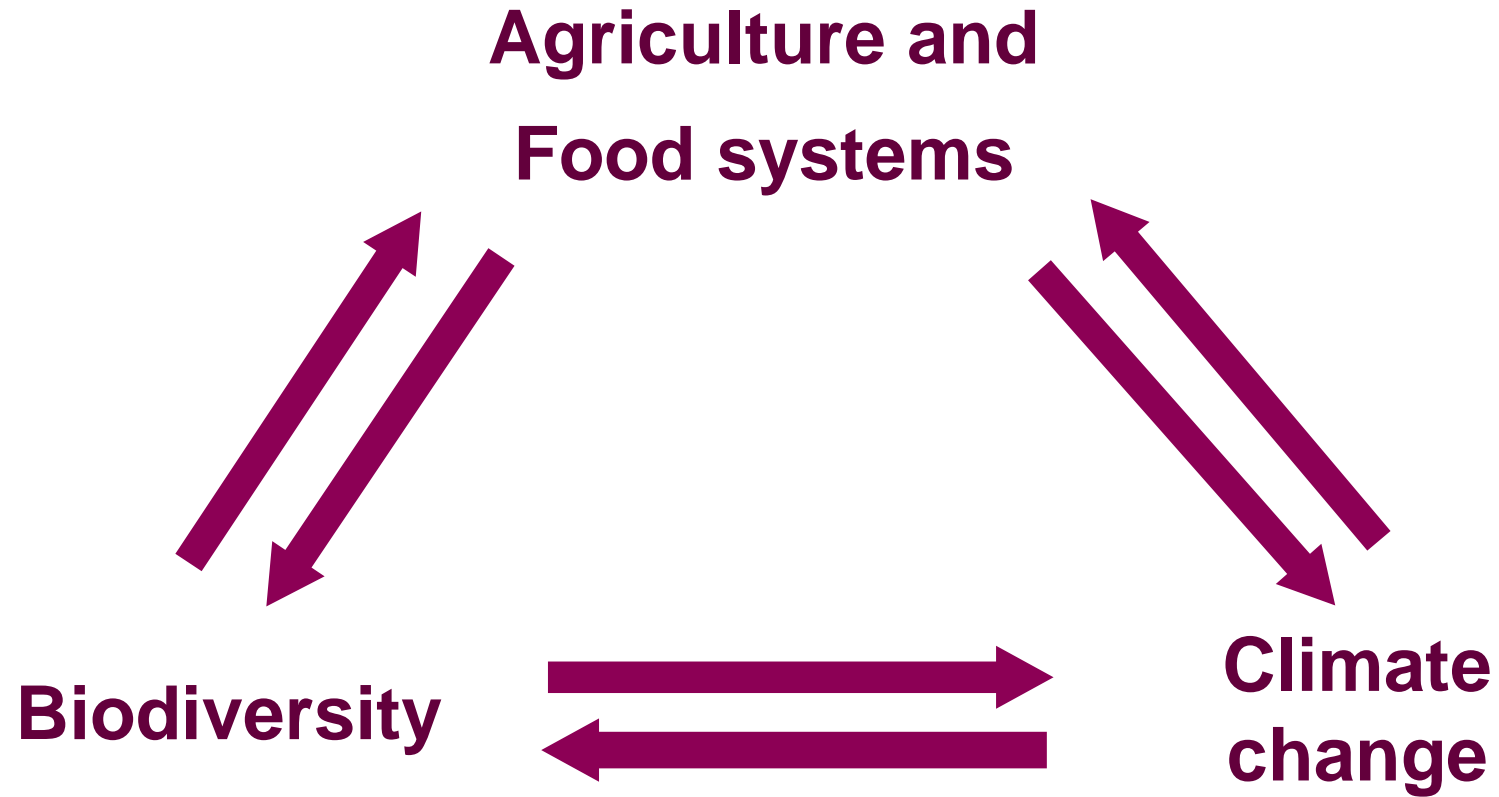
(9h15 - 9h35)

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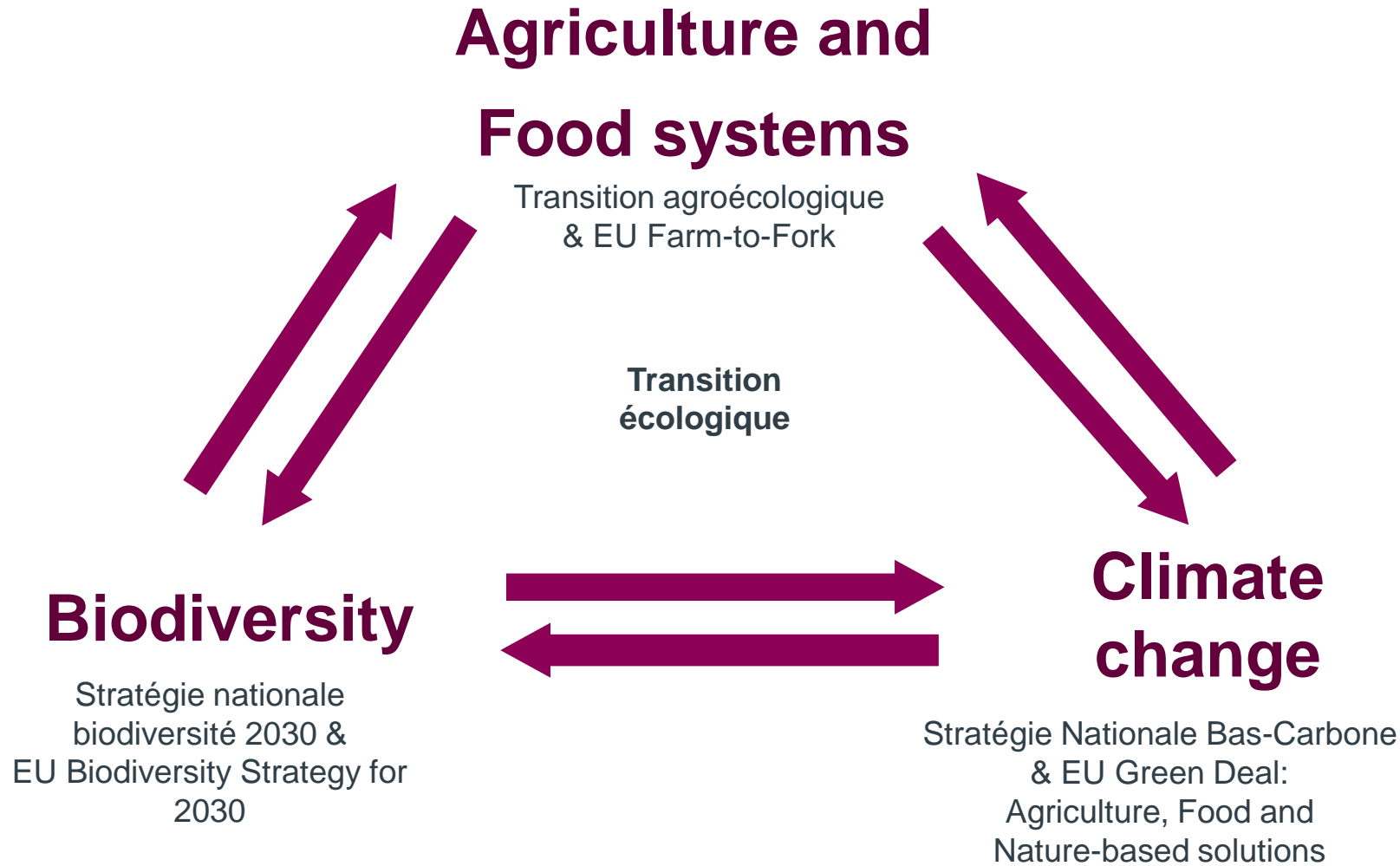
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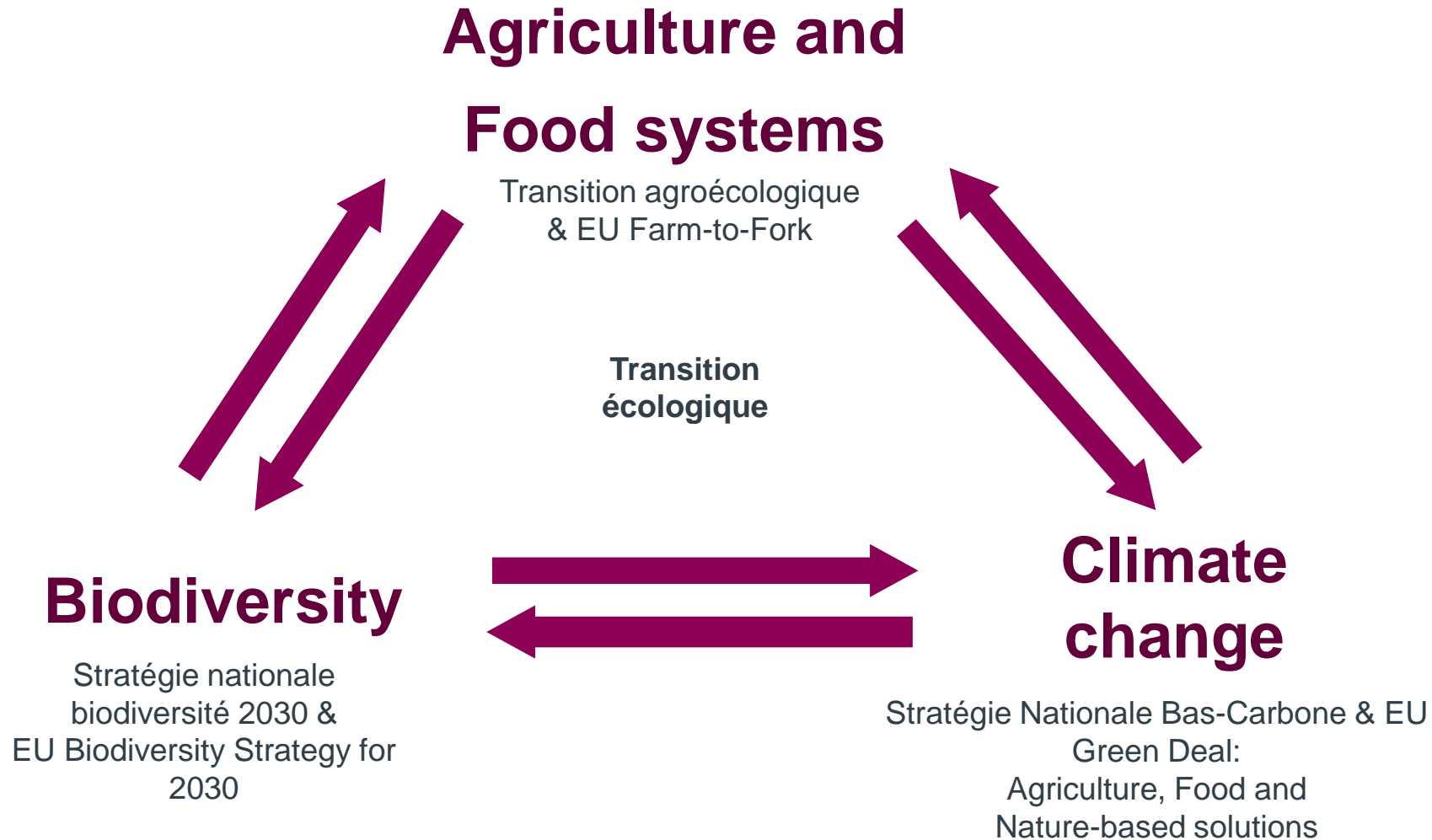
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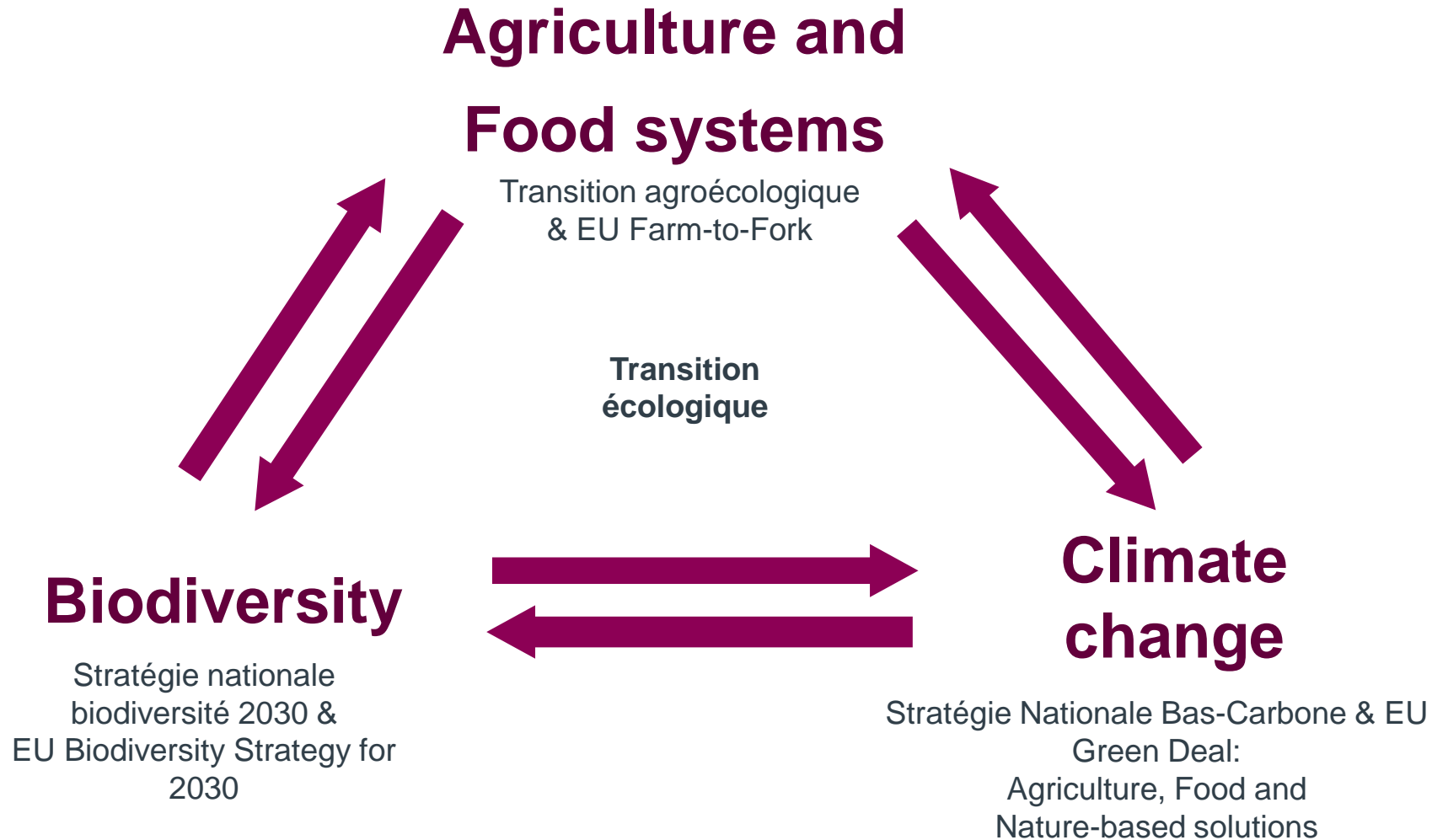
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Addressing the climate crisis, biodiversity crisis and food system security and sustainability will require profound societal, economic and political transformations.

C-BASC is supporting research and practice that treats these as "nexus" issues in order to contribute to transformative change based on reinforcing synergies and minimizing tradeoffs

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**C-BASC focuses on these interactions at organism to "territorial" scales**

## C-BASC research and innovation covers three levels of organization

- **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 a cross-cutting axis with a focus on a specific type of 'territoire'

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

# C-BASC Consortium of laboratories

## Ecologie, Génétique et évolution



## Climat



## Climat, environnement et sciences sociales



## Agronomie, sciences de l'alimentation, économie et sciences sociales



## Hydrosystèmes, biotechnologies environnementales



## Economie



15 laboratoires





# 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

	GS Geosciences, Climate, Environment & Planets	GS Life Sciences & Health	GS Biosphera: Biology, Society, Ecology & Environnement, Resources, Agriculture & Food	GS Economics & Management	GS Sociology & Political Science
<b>Shared interests</b>	Climate, Biogeo-chemical cycles, Pollution	Genetics, Genomics, Evolution, Physiology	Biodiversity, Food, Ecology, Evolution, Sust. development, Economy	Economics, Public Policy	Governance, Socio-technical transitions
<b>Research</b>	_____	_____	_____	_____	_____
<b>Graduate Training</b>	STePE  SEIF: Sciences de l'Environnement d'Ile de France SMEMAG	<ul style="list-style-type: none"> <li>• Biology-Health</li> <li>• Bio-informatics</li> <li>• GenE2 (M2)</li> </ul>	<ul style="list-style-type: none"> <li>• AETPF</li> <li>• BEE</li> <li>• EEET</li> <li>• GTDL</li> <li>• NSA</li> </ul>	<b>Masters programs</b> <ul style="list-style-type: none"> <li>• Economy, Politics and Institutions</li> </ul>	<ul style="list-style-type: none"> <li>• Political Science</li> <li>• Sociology</li> </ul>
		<b>Doctoral Schools</b> ABIES – SEVE – SDSV		<b>DEM:</b> Droit, économie et management	SSH: sciences sociales et humanités

# C-BASC actions that provide added value

- **Funding of research, innovation and training through calls for proposals**

Spotlight today on scientific outcomes of a small sample of projects, and on objectives of two thesis projects supported by C-BASC

- **‘Animation’ through workshops, a network, and communication within and outside the consortium**

Spotlight today on the Agroecology network and roundtable discussion on a roadmap for collective work on nitrogen and pesticide pollution

- **Coordination and facilitation of interactions with academic and with non-academic actors**

Spotlight today on our interactions with local actors in the context of VivAgriLab

- **Leading and supporting efforts to obtain additional funding**

Spotlight today on the ‘Flux Local’ project (Fondation de France), discussion of efforts to raise additional funding from businesses, foundations and other ‘alternative’ sources

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# Programme

14 mars 2023, IDEEV



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**8h50-9h15 : Accueil petit déjeuner**

**9h15-9h35 – Mots d'introduction par l'équipe de coordination**

**9h35-10h50 : Faits marquants de la recherche dans la communauté C-BASC**

- Projet **Flux local** du living lab VivAgriLab (métabolisme territoriale ; sources et utilisation des matières organiques ; diversification (légumineuses, légumes); systèmes alimentaires locales et durables) – Ninon Gréau et Sabine Houot (35 min)
- Verger expérimental et conservatoire de **pommiers sauvages** – Amandine Hansart (25 min)
- Pitch d'une thèse cofinancée par C-BASC: Commerce international, **invasions biologiques** et politique de préservation de la biodiversité, Jean-Marc Akole (15 min)

**10h50-11h20 - Pause**

## 11h20-12h30 : Faits marquants de la recherche dans la communauté C-BASC

- Innovations pour les systèmes agro-alimentaires – réseau **IDEAS** et les contributions du projet INDISS concernant la co-conception – Jean-Marc Meynard (25 min)
- **Engrais azotés**, agriculture et utilisation des terres : regards croisés des scénarios – Projet STIMUL du LabEx BASC et liens avec CLAND – Raja Chakir et Thierry Brunelle (30 min)
- Pitch d'une thèse co-financée par C-BASC: **Systèmes alimentaires et restauration collective**: quels vecteurs de diffusion de pratique alimentaires plus durables ? Emmanuel Raynaud (15 minutes)

12h30-13h30 : Déjeuner (buffet)

## 13h30-15h00 : L'avenir de C-BASC : Exemples d'activités en cours et futures

- Living lab **VivAgriLab** : Aperçu, AMI Démonstrateurs Territoriaux, renouvellement LEADER, interactions avec la Californie - Paul Leadley et Dorian Spaak (30 min)
- Liens avec les **entreprises**: retour d'enquête/lancer la discussion – Philippe Martin (40 min)
- **Réseau Agroécologie** – liens entre C-BASC et la Graduate school Biosphera – Safia Mediene (20 min)

## 15h00-15h45 – Pause - posters

## 15h45-17h00

- **Table ronde** sur les enjeux liés aux **engrais azotés** et aux **pesticides** : biodiversité, agriculture, alimentation et climat. Points de vue croisés entre la France, l'Europe, et l'international (surtout COP 15 de la CDB) – Paul Leadley, Vincent Martinet et Philippe Martin

# Session posters (15h - 15h45)



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# Table ronde

(15h45 - 17h)



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