

# ARCC Knowledge Ecosystem: ARFI-RDRP-Cesar-CLIPP



Romanian Academy - Iasi Branch / [www.ACADIASI.org](http://www.ACADIASI.org)  
 Rural Development Research Platform / [www.RDRP.org](http://www.RDRP.org)  
 Cesar2030 Center of Excellence / [www.cesar2030.eu](http://www.cesar2030.eu)  
 CLIPP Logistics Platform / [www.clipp.cesar2030.eu](http://www.clipp.cesar2030.eu)

- ARCC represents the integrated system for the production and transfer of knowledge, developed by the Romanian Academy - Iasi Branch, and the alliance of partners and beneficiaries.
- ARCC is an ecosystem of systems, which is based on a Living Lab-type laboratory infrastructure, and which implements KDI (Knowledge, Development, Innovation) projects, based on systemic methodologies of systems thinking.

### ARFI System

**ARGUMENT**  
 The Romanian Academy - Iasi Branch is one of the most important fundamental, applied, experimental and exploratory research actors in the North-East Development Region of Romania.

**Research Institutes**

- Institute of Economic and Social Research „Gheorghe Zane”
- Institute of Romanian Philology „Alexandru Philippide”
- Institute of Theoretical Informatics
- Institute of Archaeology
- Institute of History „A. D. Xenopol”
- Center for European History and Civilization
- Institute of Mathematics „O. Mayer”
- Oenology Research Center
- Geographical Research Center, Iasi
- Biomedical Research Center
- Center for Anthropological Research „Olga Necrasov”

**Committees and Subcommittees**

- Commission for theoretical automation and optimal control theory
- Commission for Fuzzy Systems and Artificial Intelligence
- Bioethics Commission
- Commission for the Study of Marketing Problems
- Commission for combating environmental pollution
- Commission for the strategic development of scientific research
- Commission for studying the formation of the Romanian people and language
- Commission on Educational Sciences
- The Romanian subcommittee on the history and philosophy of science
- Subcommittee for the Protection of Natural Monuments

### RDRP Knowledge Ecosystem

**Management Hub**  
 Rural Development Research Platform is the main core for the management and strategic actions of the RDRP Ecosystem  
[www.rdrp.org](http://www.rdrp.org)

**Living Labs**

**FILL**  
 Food for Iasi Living Lab aims to develop urban food systems. FILL is the flagship laboratory of the Living Labs ecosystem.  
[www.fill.rdrp.org](http://www.fill.rdrp.org)

**RoRuralia**  
 RoRuralia Living & Policy Lab aims to develop rural systems.  
[www.roRuralia.rdrp.org](http://www.roRuralia.rdrp.org)

**Stakeholders and Beneficiaries Community**

**Gust de Iasi**  
 Local Producers Hub  
[www.gustdeiasi.ro](http://www.gustdeiasi.ro)

**Iasul in Bucate**  
 Local Producers Fair  
[www.iasulinbucate.rdrp.org](http://www.iasulinbucate.rdrp.org)

**Symposium**

**Living Labs INN**  
 Living Labs INN - European Living Labs Hub and Fora  
[www.linn.rdrp.org](http://www.linn.rdrp.org)

**SAAR**  
 SAAR - Agro-Economics and Rural Anthropology Symposium  
[www.simpozion.rdrp.org](http://www.simpozion.rdrp.org)

**Anthrozoology Symposium**  
 Anthrozoology Symposium  
[www.anthrozoology.acadiasi.org](http://www.anthrozoology.acadiasi.org)

## Center for Excellence in Socioeconomics of Agri-Food Resilience

**Cluster 1 Agri-Food Excellence Hub**

- LL1 Food for Iasi Living Lab Lighthouse
- LL4 Organic Food Living Lab
- LL10 Innovative Packaging Living Lab
- LL20 Food Living Lab Transilvania
- LL24 Food Health & Safety Living Lab

**Cluster 2 Knowledge Ecosystem Excellence Hub**

- LL3 Systems Thinking Living Lab
- LL5 Open Knowledge Living Lab
- LL6 Cesar Academy Living Lab
- LL19 EU Policies & Strategic Actions Living Lab
- LL22 Speculative Thinking Living Lab
- LL23 Smart City Living Lab
- LL25 Emergent Cesar Living Lab

**Cluster 3 Visual Narratives Excellence Hub**

- LL9 Food Culture and Politics in Socialist Romania Living Lab
- LL11 Linguistics Actions Living Lab
- LL12 History of Food Living Lab
- LL14 Anthropology Living Lab
- LL16 Gastronomic Tourism Living Lab
- LL17 Visual Narratives Living Lab

**Cluster 4 Societal Transformation Excellence Hub**

- LL2 Societal Transformation Living Lab
- LL7 Diaspora Academy Living Lab
- LL8 Resilient Systems Living Lab
- LL13 Human Animal Relations Anthrozoology Living Lab
- LL15 Digital Humanities Living Lab
- LL18 Social Economy Living Lab
- LL21 Rural Development Living Lab

**25 Living Labs**

- WP1 Management
- WP2 Systems Thinking
- WP3 Living Labs
- WP4 Alliance
- WP5 Fora
- WP6 Communication
- WP7 Ethics & Esthetics
- WP8 Digitalisation
- WP9 Sustainability

### Living Labs Ecosystem

**ARGUMENT**  
 The Living Lab is an entity for the production, modeling and transfer of knowledge. It has a high degree of dynamism, operating in a real-time environment, using experimental and exploratory tools, in permanent collaboration with partners and beneficiaries.

**FILL**  
 Food for Iasi Living Lab  
 FILL is the first Living Lab developed by ARFI, in the Cities2030 project, in partnership with Iasi City Municipality. FILL is a laboratory for the development of urban systems and is a flagship entity in the Living Lab system.

**RoRuralia**  
 Rural Development Hub  
 RoRuralia is developed by RDRP in the RURALITIES project and is a Living & Policy Lab specialized in the development of rural systems. RoRuralia and FILL are constantly working together to develop urban and rural systems in an integrated way at the regional level.

**Cesar 2030**  
 Cesar represents the Center of Excellence for a Durable, Sustainable and Resilient Food Socio-Economy. CESAR is based on 4 clusters of excellence, within which 25 laboratories in the Living Lab category operate.

<b>Cluster 1 Agri-Food</b>	LL1 Food for Iasi Living Lab Lighthouse LL4 Organic Food Living Lab LL10 Innovative Packaging Living Lab LL20 Food Living Lab Transilvania LL24 Food Health & Safety Living Lab	<b>Cluster 2 Knowledge Ecosystem</b>	LL3 Systems Thinking Living Lab LL5 Open Knowledge Living Lab LL6 Cesar Academy Living Lab LL19 EU Policies & Strategic Actions Living Lab LL22 Speculative Thinking Living Lab LL23 Smart City Living Lab LL25 Emergent Cesar Living Lab	<b>Cluster 3 Visual Narratives</b>	LL9 Food Culture and Politics in Socialist Romania Living Lab LL11 Linguistics Actions Living Lab LL12 History of Food Living Lab LL14 Anthropology Living Lab LL16 Gastronomic Tourism Living Lab LL17 Visual Narratives Living Lab	<b>Cluster 4 Societal Transformation</b>	LL2 Societal Transformation Living Lab LL7 Diaspora Academy Living Lab LL8 Resilient Systems Living Lab LL13 Human Animal Relations Anthrozoology Living Lab LL15 Digital Humanities Living Lab LL18 Social Economy Living Lab LL21 Rural Development Living Lab
----------------------------	---	--------------------------------------	---	------------------------------------	---	--	--

### ESPA - The Ecosystem of Strategic Projects and Actions

**ARGUMENT**

- The purpose of EPAS is the strategic action for the development of systems in accordance with the values, concepts and methods of the ARCA ecosystem.
- ESPA operational objectives are the projects committed and implemented at institutional, local, regional, national, European and trans-European level.
- Strategic action gives meaning to the mission, practices, resilience and sustainability of the ARCA ecosystem.

**Cities2030**  
 Cities2030 is implemented by a consortium of 42 partners and is based on an alliance of Living Lab laboratories, which experiments and innovates smart solutions for the development of urban and regional food systems, in accordance with systemic approaches, environmental protection, digital transformation, knowledge and participatory governance. In Romania, the consortium formed by the Romanian Academy - Iasi Branch and the City Hall of Iasi, which conceived, established and coordinates the Food for Iasi living Lab, is active.

**Ruralities**  
 RURALITIES is implemented by a consortium of partners from Europe and Africa and is based on an ecosystem of centers for the production and transfer of knowledge for the resilient and sustainable development of rural systems, in the context of the development of regional systems. In Romania, the working group is coordinated by the Rural Development Research Platform, the University of Life Sciences in Iasi, AVALANA and the Siret-Moldova GAL. The activities in Romania are implemented by a laboratory developed within the project: RoRuralia Living & Policy Lab.

**Research and collaboration with beneficiaries in European projects**

**Regional Projects**

**Capacity Building Projects**

**Scientific Research Projects**

- Digital Culture and Technologies Research Project (ARFI)
- Organic RDNE - Organic Agriculture in the Romanian North-East Development Region
- Smart food systems - Local food systems and short food supply chains
- Organic agri-food markets - Organic Agriculture, certification of agri-food products, and digital marketing strategies for small producers
- Local Fairs in Knowledge Ecosystems

### DECK Ecosystem Dissemination, Exploitation, Communication, Knowledge

**ARGUMENT**

- The purpose of DECK is the systemic and consolidated transfer of knowledge, in accordance with the principles of open participatory knowledge.
- Objectives: Dissemination, exploitation of results, communication and brokerage are operational objectives and cannot constitute ends in themselves.
- Strategies: Commission for the Systemic Transfer of Knowledge, Commission for the Development of Regional, Urban, Rural Systems (RUR), CRITERIU Center (Integrated Regional Center for Transfer in Rural Ecosystems and Urban Integration), CLIPP (Integrated Logistic Center for European Programs and Projects)

**PROIECTELE ACADEMIEI**  
 Prelegerile Academiei Române, CRIFST - Iasi

**Raportare strategice**  
 Long-Term Living Lab Support towards Food System Transformation. Policy recommendations for long-term support of Living Labs contributing to food system transformation. A joint initiative from the EU FOOD 2030 Project Family

**Workshops for kids**

**Comisia pentru Dezvoltarea Strategică a Cercetării Științifice**

**Comisia de științe ale educației**

### Concepts Ecosystem Values, Concepts, Narratives, Models, Methodologies, Systems

→ Ecosystems of Ecosystems ♦ Knowledge Ecosystems ♦ Systems Thinking ♦ Living Labs ♦ Stakeholders Community ♦ Multi-Actor Approach ♦ Open Science ♦ Responsible Research and Innovation ♦ Urban Systems ♦ Rural Systems ♦ Responsible Identity ♦ FAIRness of Data ♦ Participatory Knowledge and Governance ♦ Epistemic Chains ♦ Decision Making Actions ♦ Research Based Innovation ♦ Transformative Innovation ♦ Incremental Innovation ♦ Environmental Friendly Systems ♦ Gender Equity ♦ Identity Equity ♦ Facilitators ♦ Replicators ♦ Digital Transformation ♦ Food Culture ♦ Food Anthropology ♦ Food Anthrozoology ♦ Knowledge Brokers ♦ Interdisciplinarity ♦ Multidisciplinarity ♦ Sustainable Memory ♦ Building the Future

### Strategic Partners