



LOMBARDY FOUNDATION FOR BIOMEDICAL RESEARCH



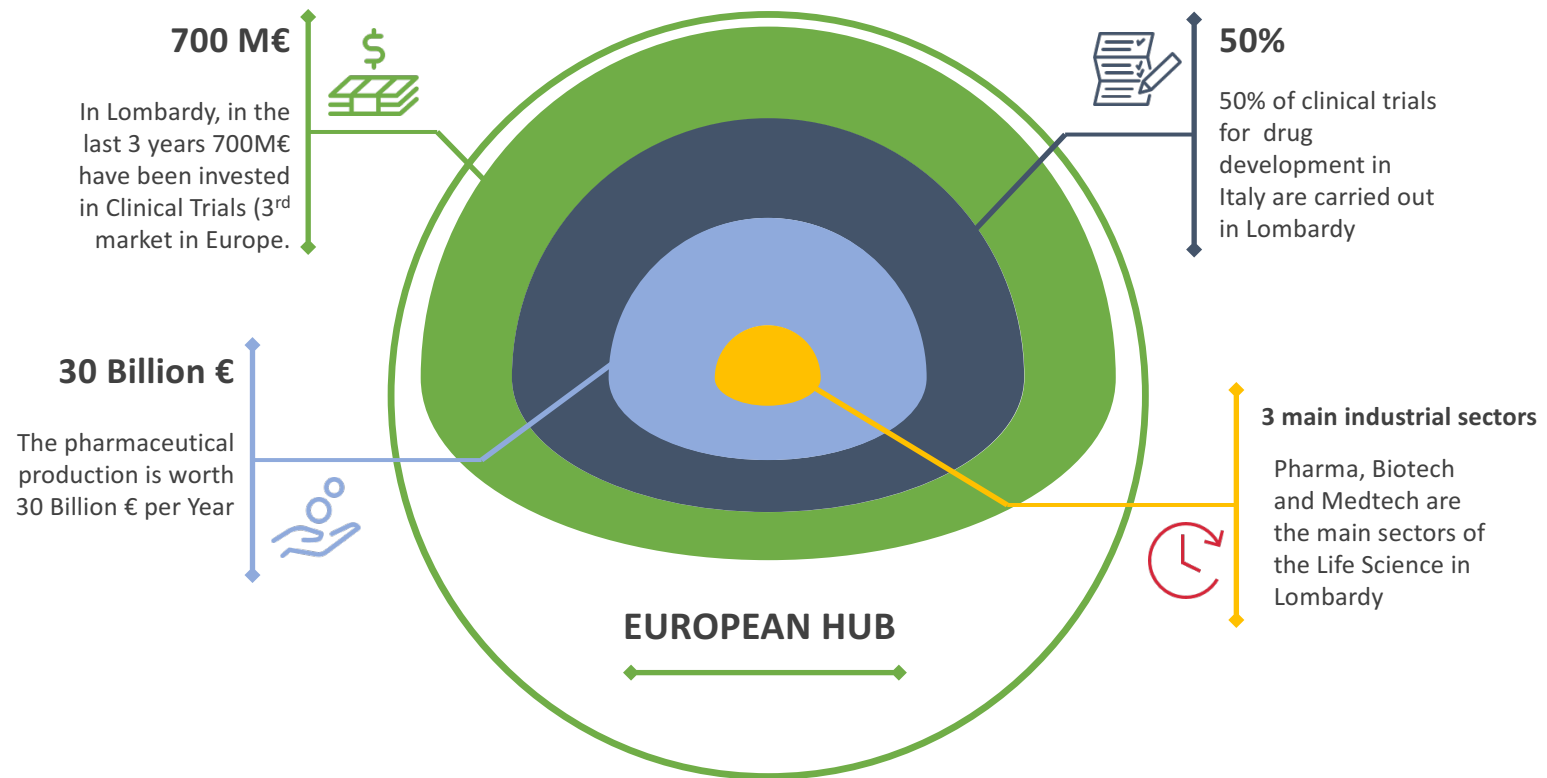
NETVAL – EXPLOITING INNOVATION IN HEALTHCARE

LECCE – SUMMER SCHOOL July 12th 2017

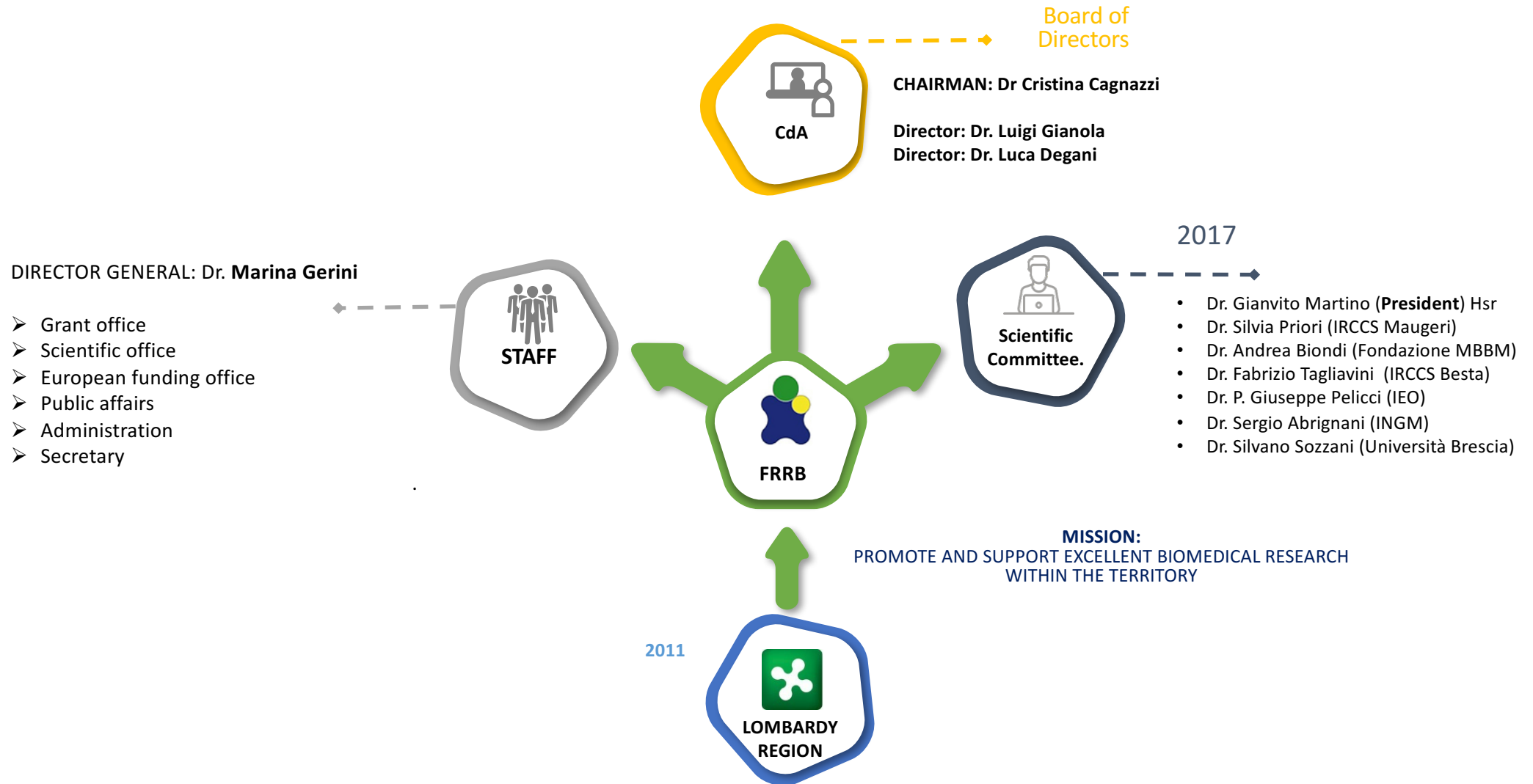
Gianni D'Errico

European Funding Officer

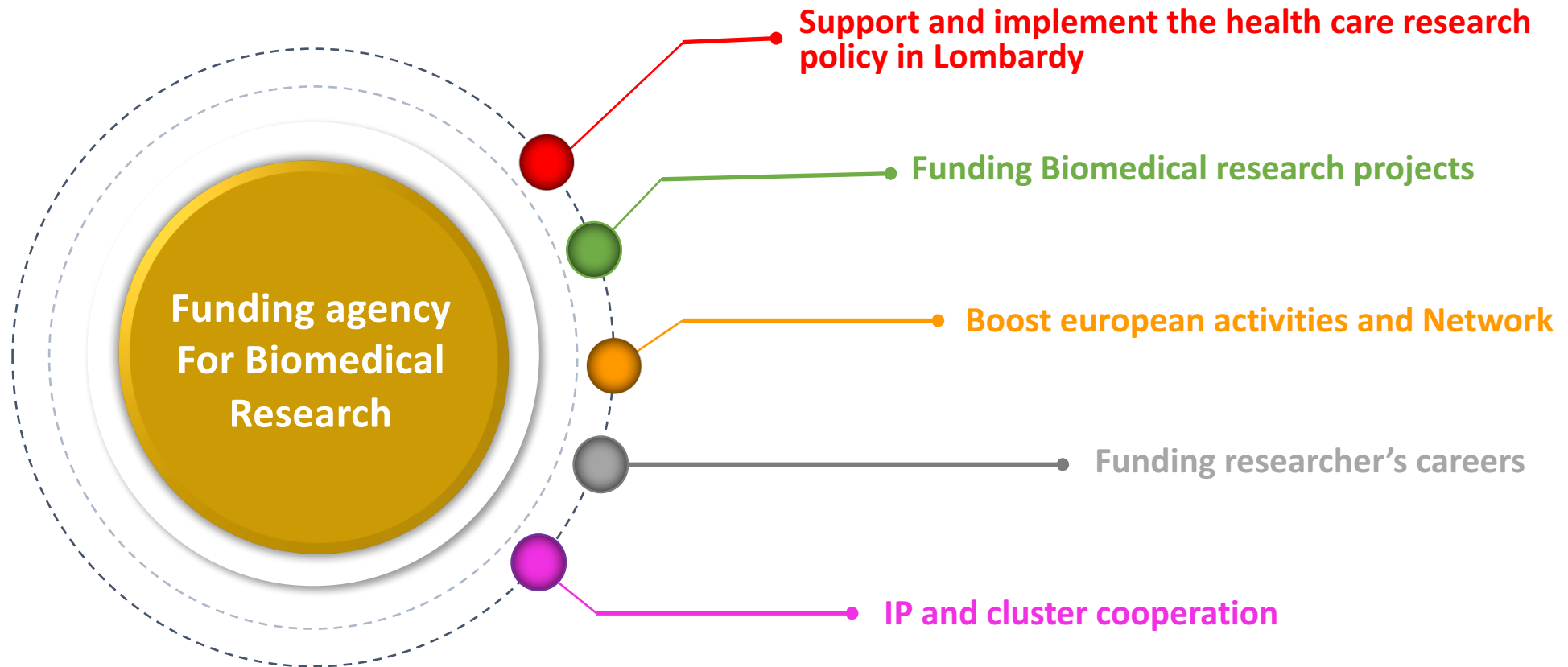
LOMBARDY: THE EUROPEAN HUB FOR LIFE SCIENCES



WHO WE ARE



WHAT WE DO



OUR MAIN FIELD: *PERSONALIZED MEDICINE*

Since 2015, the Foundation supports Lombardy Region in the strategic development of tools to implement Personalized Medicine approaches, identified as a driver in the Biomedical Research evolution.

Personalized Medicine

Personalized Medicine refers to a medical model using molecular profiling for tailoring the right therapeutic strategy for the right person at the right time, and/or to determine the predisposition to disease and/or to deliver timely and targeted prevention.

SPLITTER approach

Every difference makes
the individual unique

VS

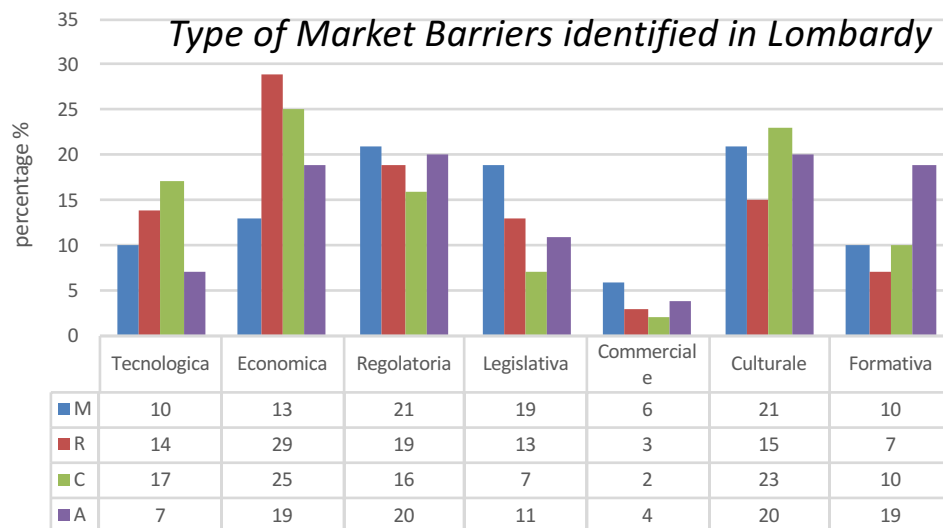
LUMPER approach

Similar therapies for similar
pathologies, independently
from the patient

To this aim, the Foundation has developed two main actions:

- 1 Funding innovative Biomedical Research projects, which could provide concrete advancements in the field of Personalized Medicine in Lombardy
- 2 Empower Lombardy Region as the first region involved in Personalized Medicine at European level

PUBLIC CONSULTATION IN LOMBARDY AND EU



FEBRUARY – MAY 2017


Introduction

The purpose of this consultation is to define the need and scope of policy measures that will promote digital innovation in improving people's health, and address systemic challenges to health and care systems. Those measures must be aligned with legislation on the protection of personal data, patient rights and electronic identification. The consultation collects views on:

- Cross-border access to and management of personal health data;
- A joint European exploitation of resources (digital infrastructure, data capacity), to accelerate research and to advance prevention, treatment and personalised medicine;
- Measures for widespread uptake of digital innovation, supporting citizen feedback and interaction between patients and health care providers.

Privacy. Infrastructure. Cybersecurity. Interoperability.

Help the EU overcome barriers to access and sharing of health data.

 #DigitalHealth
#EUHaveYourSay

EC PUBLIC CONSULTATION ON ACCESS AND MANAGEMENT OF PERSONAL HEALTH DATA
JULY 20TH – OCTOBER 12TH

1 FUNDING INNOVATIVE BIOMEDICAL RESEARCH PROJECTS - 2015

€ 3.220.980

CYTOMEGALOVIRUS
INFECTIONS



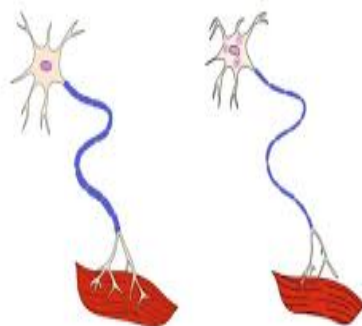
€ 3.964.800

RHEUMATHOID
ARTHRITIS



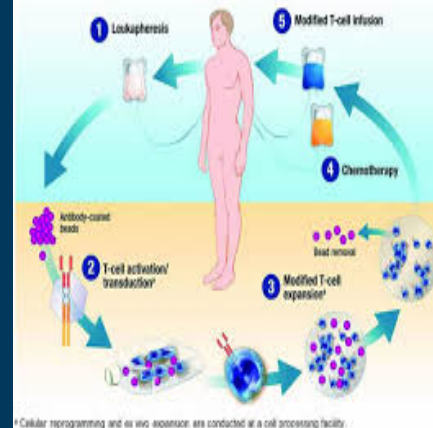
HEALTHY MOTOR NEURON

ALS MOTOR NEURON



€ 3.855.478

AMOTROFIC
LATERAL
SCLEROSIS



* Cellular reprogramming and ex vivo expansion are conducted at a cell processing facility.

€ 4.166.400

HEMATOLOGIC
MALIGNACIES

1 FUNDING INNOVATIVE BIOMEDICAL RESEARCH PROJECTS - 2017

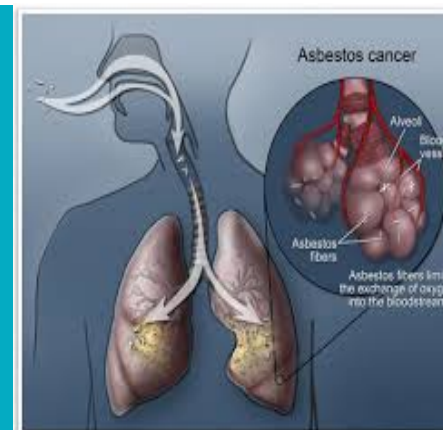
€ 1.200.000

**EXPLORATORY
GRANT**



€ 3.964.800

SPECIAL PROJECT



€ 20.000.000

**COLLABORATIVE
PROJECTS**



€ 1.500.000

FELLOWSHIP

THE EUROPEAN STRATEGY ON PERSONALISED MEDICINE



2 EUROPEAN PROJECTS & INITIATIVES



International Consortium for Personalized Medicine **IC-PERMED**
(Action Plan implementation phase)



26-27 giugno 2017

International Workshop IC PERMED in **MILAN**

ICPerMed
INTERNATIONAL CONSORTIUM



ERANET Translational Cancer Research **TRANSCAN 2**
The Foundation funds ERA-NET projects on Translational Cancer research
2016: 1 Mln € funded (Non invasive methods for early diagnosis)
2017: Topic to be defined



ERA-PERMED

The Foundation is part of the ERA-NET secretariat on Personalized Medicine and is in charge of monitoring the results and the impacts of the funded transnational project.

OUR EUROPEAN NETWORK

Country <i>(click to sort)</i>	Organization <i>(click to sort)</i>
Austria	Federal Ministry of Science, Research and Economy
Austria	Federal Ministry of Health and Women's Affairs
Canada	Canadian Institutes of Health Research
Canada (Region)	Genome British Columbia
Republic of Croatia	Ministry of Science and Education of the Republic Croatia
Cyprus	Research Promotion Foundation
Czech Republic	Ministry of Health of the Czech Republic

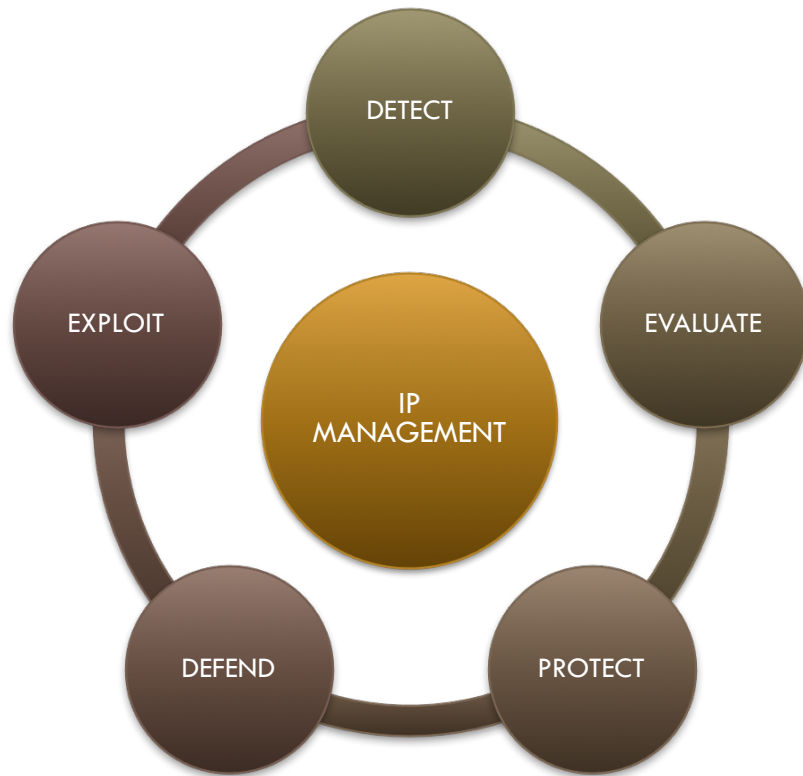
Country <i>(click to sort)</i>	Organization <i>(click to sort)</i>
Denmark	Innovation Fund Denmark
EU	European Commission
Estonia	Ministry of Social Affairs
Finland	Suomen Akatemia (Academy of Finland)
France	French National Research Agency Agence Nationale de la Recherche
France	Ministry of Higher Education and Research

Country <i>(click to sort)</i>	Organization <i>(click to sort)</i>
Germany	Federal Ministry of Education and Research
Germany	Federal Ministry of Health
Hungary	Ministry of Human Capacities
Ireland	Health Research Board
Israel	Ministry of Health
Italy	Ministry of Health
Italy	Consiglio Nazionale delle Ricerche (National Research Council)

Country <i>(click to sort)</i>	Organization <i>(click to sort)</i>
Lithuania	Research Council of Lithuania
Luxembourg	Fonds national de la Recherche
Luxembourg	Ministère de la Santé
Netherlands	The Netherlands Organisation for Health Research and Development
Norway	The South-Eastern Norway Regional Health Authority
Poland	Ministry of Science and Higher Education
Portugal	Foundation for Science and Technology

Country <i>(click to sort)</i>	Organization <i>(click to sort)</i>
Slovenia	Ministry of Education, Science and Sport
Spain	The National Institute of Health Carlos III
Spain (Region)	Ministry for Health – Basque Government
Sweden	Swedish Research Council
Sweden	Vinnova
Turkey	Turkish Research and Business Organisations
United Kingdom	Medical Research Council

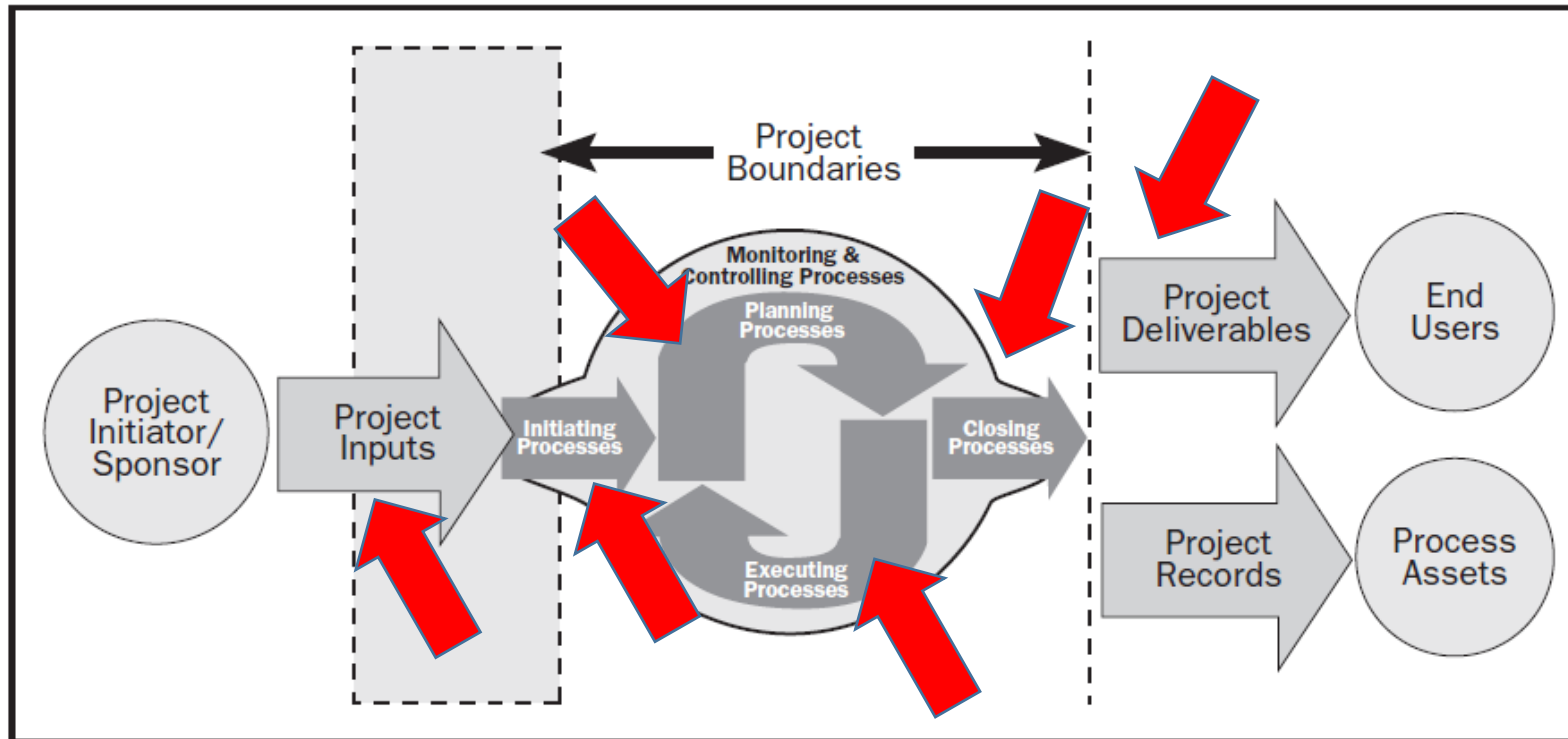
OUR IP POLICY



The Regional Foundation for Biomedical Research has not adopted yet an intellectual property policy to regulate its relation with the beneficiaries of the granted projects.

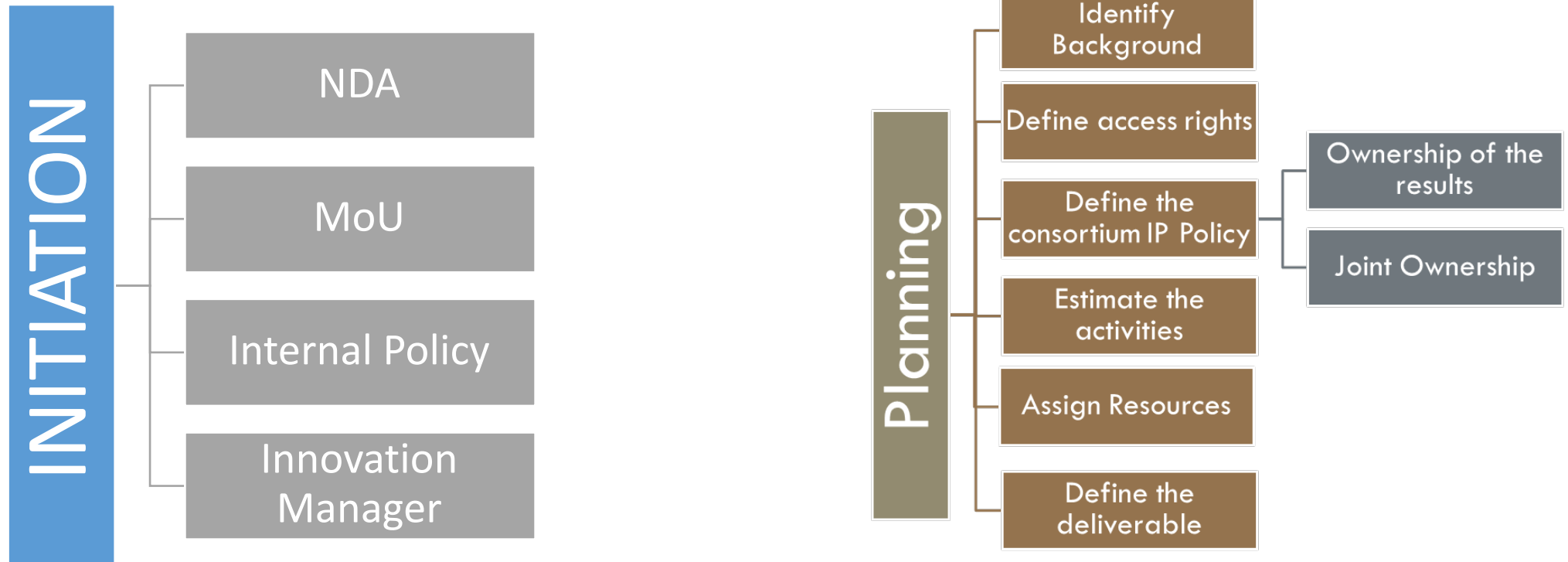
Nevertheless we encourage them to follow the best practices for what concerns the Intellectual Property Management.

IP MANAGEMENT Vs PROJECT MANAGEMENT



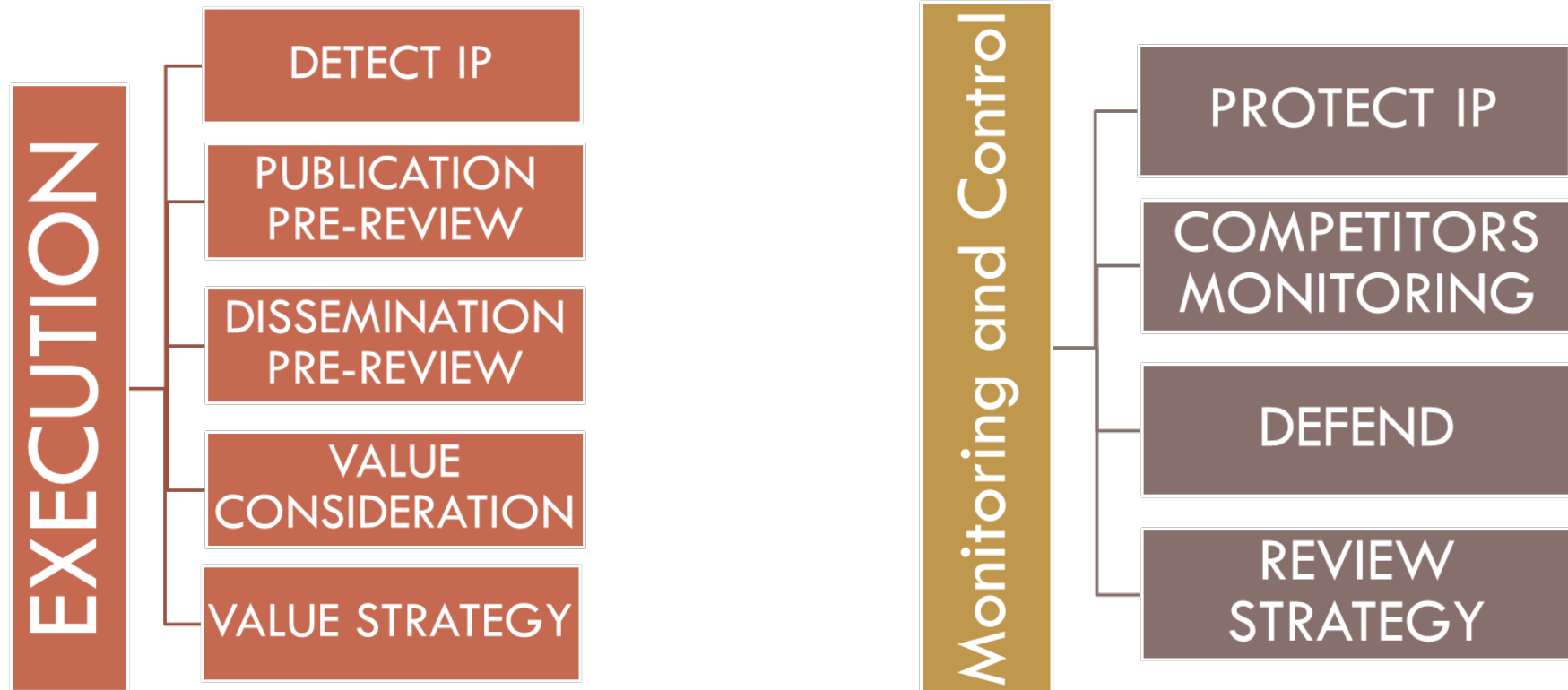
INITIATION PHASE

IP CONSIDERATIONS



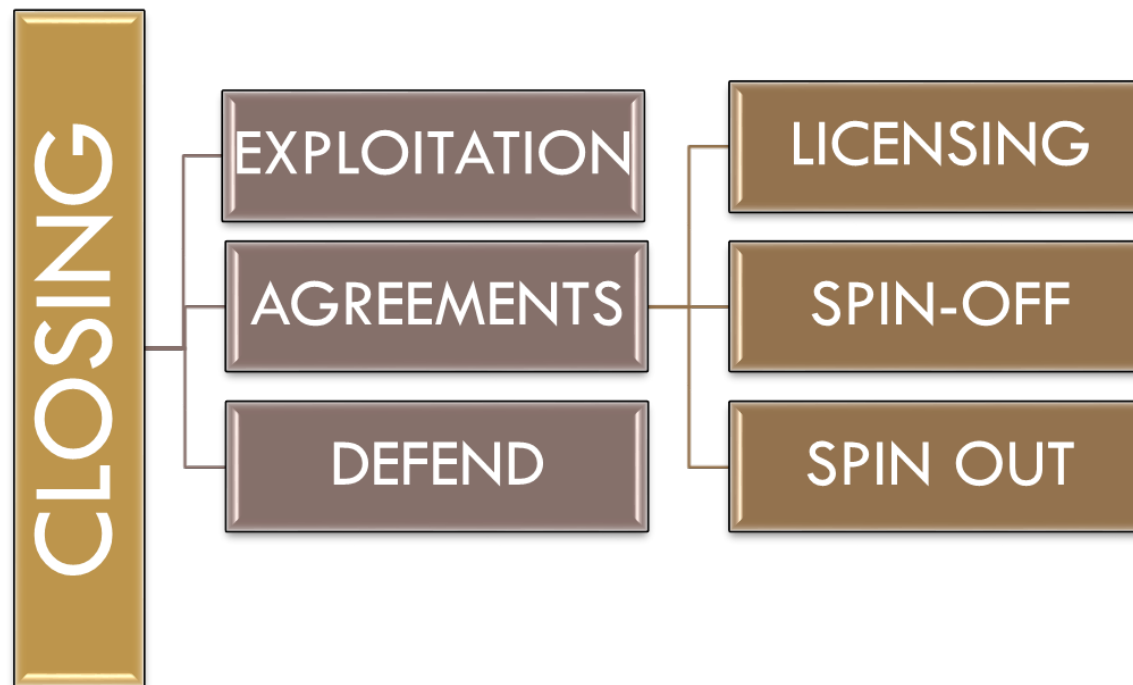
INITIATION PHASE

IP CONSIDERATIONS



INITIATION PHASE

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LOMBARDY TECHNOLOGICAL CLUSTERS

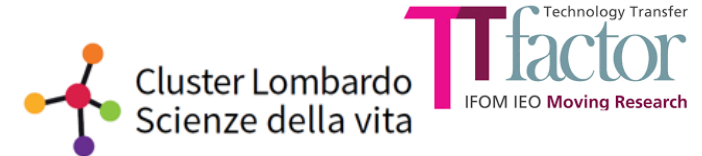
Area tecnologica	Nome CTL	Acronimo CTL
Aerospazio	Lombardia Aerospace Cluster	LAC
Fabbrica intelligente	Associazione Fabbrica Intelligente Lombardia	AFIL
Agrifood	Cluster Alta Tecnologia Agrifood Lombardia	CAT.AL
Mobilità	Associazione Cluster Lombardo della Mobilità	CLM
Energia	Lombardy Energy Cleantech Cluster	LE2C
Chimica verde	Lombardy Green Chemistry Association	LGCA
Scienze della vita	Cluster Lombardo Scienze della Vita	LLS
Tecnologie per ambienti di vita	Fondazione cluster regionale lombardo delle Tecnologie per gli Ambienti di Vita	TAV
Tecnologie per smart communities	Fondazione Cluster Tecnologie per le Smart Cities & Communities - Lombardia	SCC



THE EXPERIENCE OF OUR TECHNOLOGICAL CLUSTERS

MAIN GOALS:

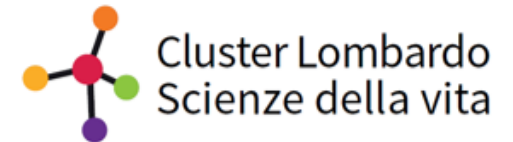
- Support CNAO Center with the establishment of an internal assessment process which facilitates the valorisation and market exploitation research projects.
- Elaborate a database of standard documents which can be adopted in all the phases of the IP management process.
- Build the right expertise to carry out continuous research scouting activities.
- Support the assessment of research outcomes against the market demand and the best IP strategy t



GUIDA BREVE INTRODUZIONE ALLA PROPRIETA' INTELLETTUALE



THE EXPERIENCE OF OUR TECHNOLOGICAL CLUSTERS



WWW.ECANCER.ORG

Realisation of e-learning platform dedicated to the protection of the intellectual property and technology transfer in the Life Science sector containing videos of experts.

THE EXPERIENCE OF OUR TECHNOLOGICAL CLUSTERS



The Lombardy cluster for Living Environments has facilitated, also from the IPRs point of view the following activities:

- **Framework agreement between CNR ITIA, CNR IBFM, CNR IENI (National Research Council) and Lombardy Region:** Thanks to the Cluster, as main binding organisation among several research players in Lombardy, there has been established a permanent dialogue between different National Research Council institutes which has eventually led to a framework programme and the initiation of two projects: RIPRENDO@home and FHfFC: Future Home for Future Communities.
- **Collaboration contracts:** Furthermore TAV cluster has promoted and facilitated collaborations between Industry and academy, such as the collaboration between Ab medica and Univerlecco, or Politecnico Milano and CNR. Again with Ab medica group within the national project “DESIGN FOR ALL” - integration and advanced Human Machine Interfaces in design for Ambient Assisted Living – the Cluster TAV was responsible for the dissemination activities, in line with the IP management process that has been established in order to not jeopardise potential IP likely to be generated.



LOMBARDY FOUNDATION FOR BIOMEDICAL RESEARCH



Fondazione Regionale per la Ricerca Biomedica

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