

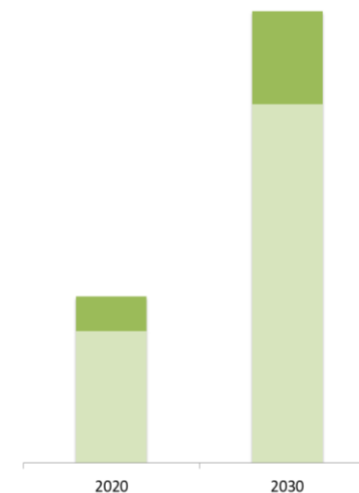
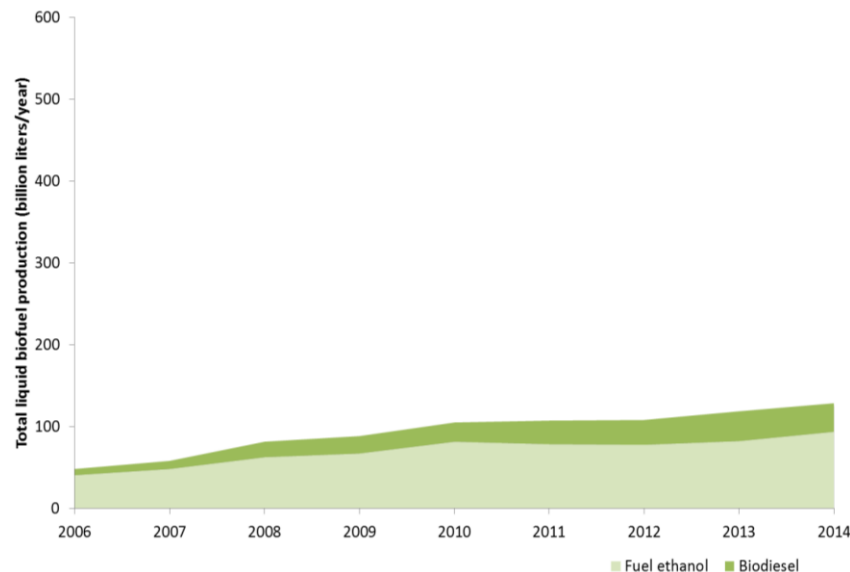
RD&D for Renewable Energy Technology

COOPERATION IN LATIN AMERICA AND THE CARIBBEAN

**International Congress of Research, Development
and Innovation in Energy Sustainability
2015**

Potentially a four fold increase in liquid biofuels production between today and 2030

- Innovation and research are essential to harness advanced biofuel potential
- International cooperation is of paramount importance in developing goal-oriented science, technology and innovation programmes.



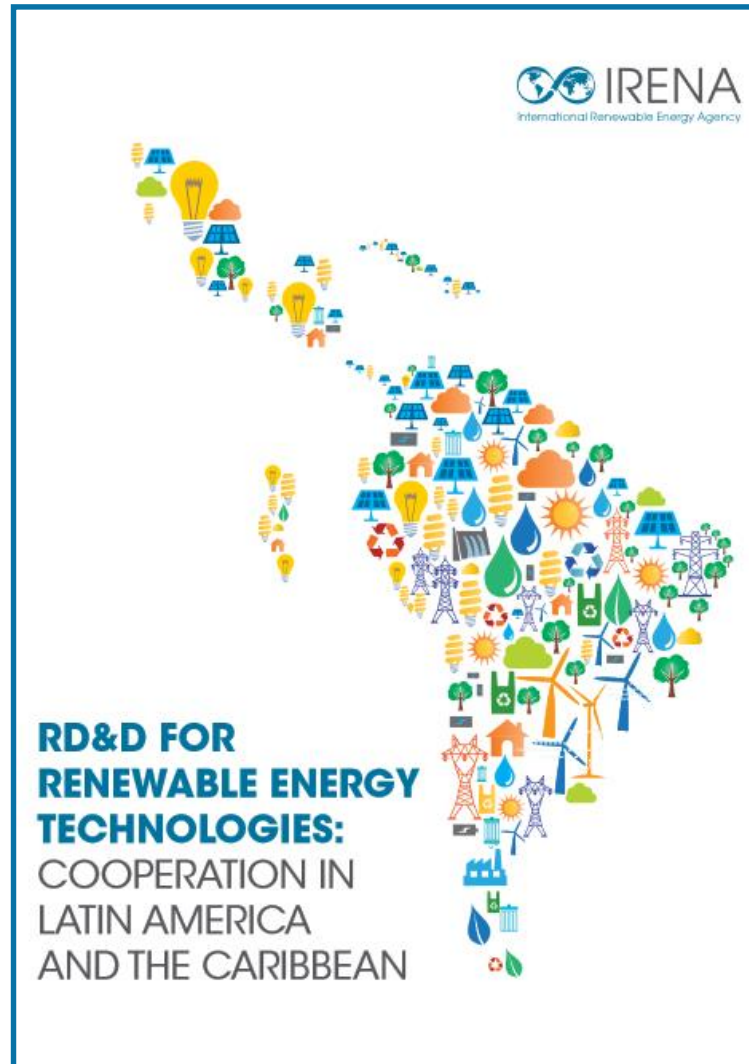
Note: findings are still preliminary and could be revised

- Technological development of conversion technologies for advanced biofuels cannot be contained within national borders.
- Advanced biofuels are products –multiple countries contribute to manufacturing, resources and components.

Cooperation is vital to ensure development and deployment of priority areas of advanced biofuels production

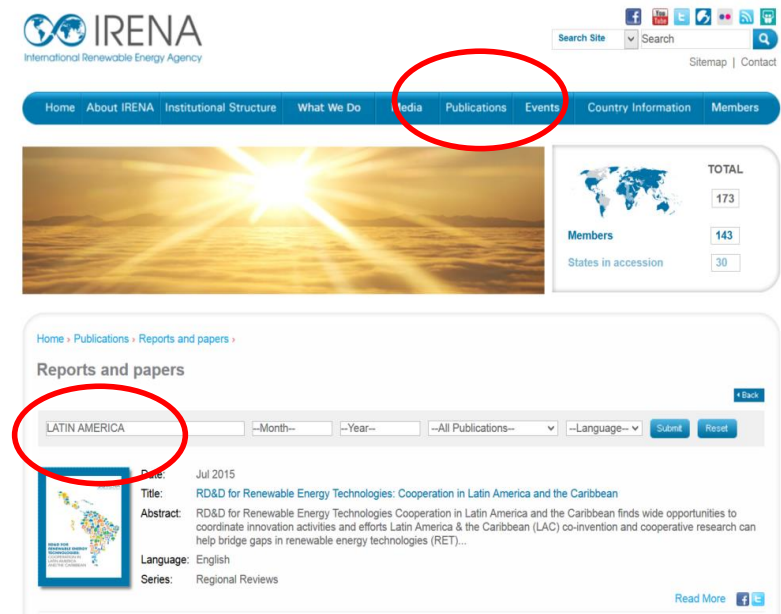
- Transition in the transport sector
- Business environment to provide with appropriate incentives and stable regulation
- Smooth integration of advanced biofuels into the existing infrastructure
- Reliable data to improve modeling that can support decision-making processes

Cooperation in Latin America



In Spanish in 2015

www.irena.org



Closing the Gaps: Recommendations to Cooperate

Define methodologies to implement South-South Cooperation
Link RD&D with other innovation related policy fields
Intensify regional information exchange on RD&D of RET
Streamline technology centers and reinforce networks
Develop skilled management to lead effective cooperation

Identify niche opportunities and engage with private sector

Diversify the funding portfolio for RD&D
Facilitate administration for RD&D
Focus of RD&D efforts on national macro-objectives

Implement incentives to reward research in RET
Consider invisible actors and social needs for innovation

Research

Development

Demonstration

Market
Development

Commercial
Diffusion



Intensify regional information exchange on RD&D of RET

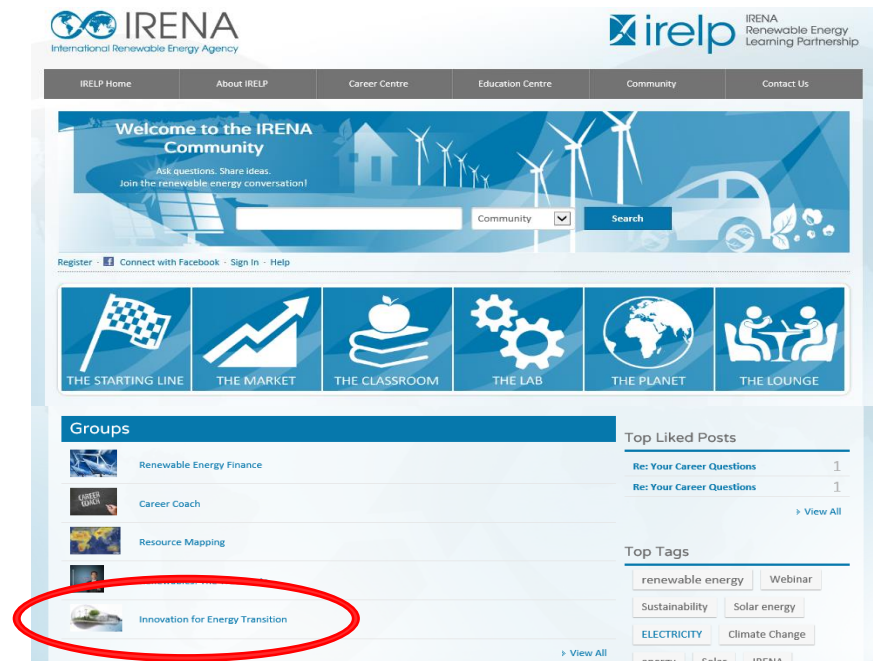
- Proliferation of RET specialized centres
- Duplication of research topics
- Communication channels:
 - Disseminate professional dedication
 - Attract labour force and investments
 - Ease efficient access
 - Newsletter
 - Peer-reviewed journal

Info exchange for cost effective and time efficient development, adaption and commercialization



Intensify regional information exchange on RD&D of RET

- Proliferation of RET specialized centres
- Duplication of research topics
- Communication channels:





Streamline technology centers and reinforce networks

- Beyond sharing knowledge and information:
 - Promote sharing resources
 - Increase visibility of actors and RET RD&D initiatives
- A LAC region-wide network could:
 - Coordinate activities of technology centres
 - Disseminate financing opportunities
 - Engage with supra-regional actors
- International research summits:
 - Establish/Reinforce practical coordination and dialogue



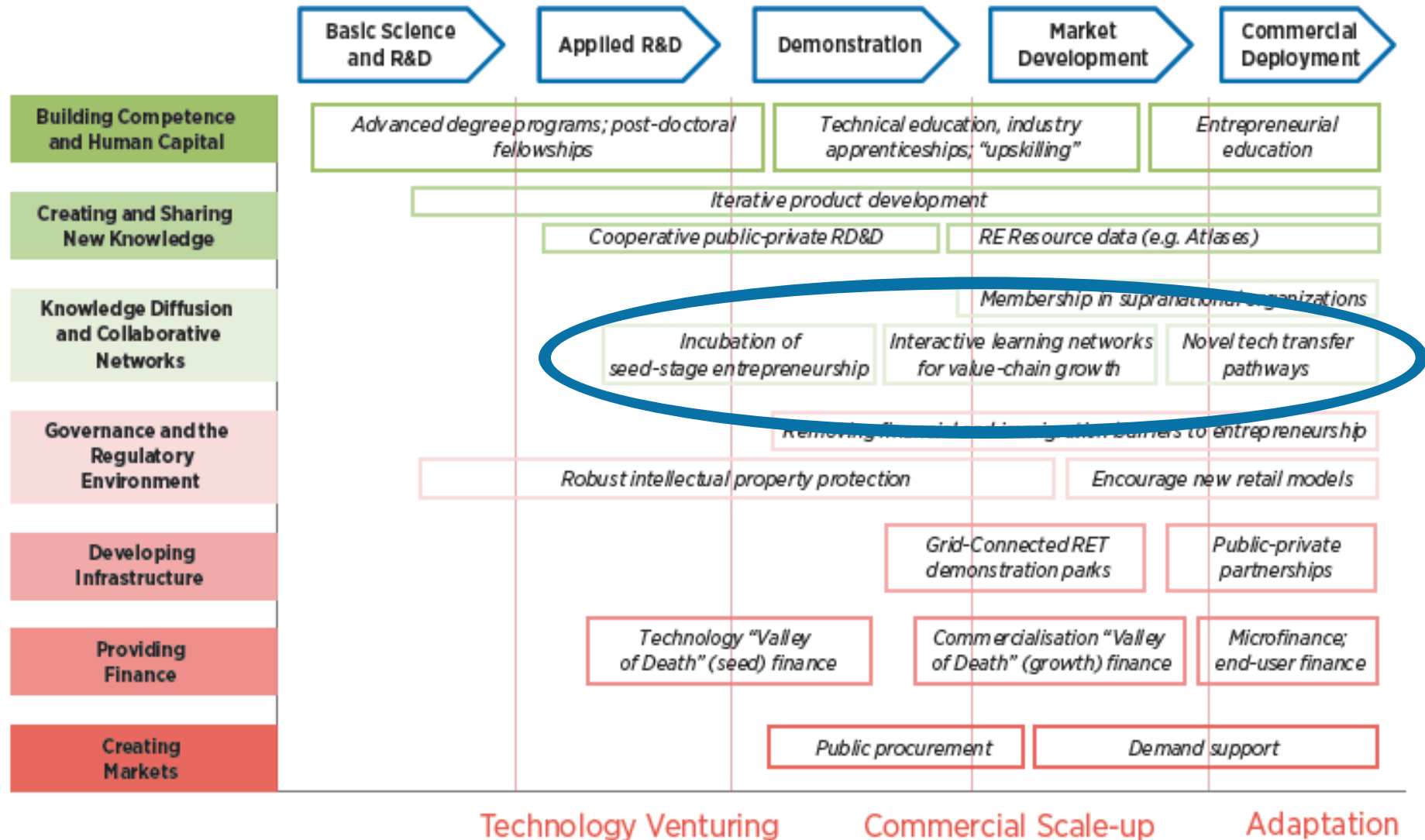
Streamline technology centers and reinforce networks

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The screenshot shows the website for the "CONGRESO INTERNACIONAL I+D+i SOSTENIBILIDAD ENERGÉTICA". The navigation bar includes links for INICIO, CONGRESO 2015, SEDE, and CONTACTO. The main content area features three columns: "objetivos" (objectives), "agenda tentativa" (tentative agenda), and "resultados esperados" (expected results). Below these are two boxes: "INSCRIPCIONES" (registrations) with a link to "Instrucciones para las inscripciones" and "AGENDA" with a link to "Agenda Tentativa del Congreso". The footer text reads: "Congreso Internacional y Expo Científica 'Investigación, Desarrollo e Innovación en Sostenibilidad Energética'".

Unleashing Innovation



Thank you very much for your attention



RENEWABLE ENERGY TECHNOLOGY INNOVATION POLICY

A PROCESS DEVELOPMENT GUIDE

