

EUROPEAN BIOGAS e-CONFERENCE 2020

Green Gas for a Green Deal!

September 2020



Francisco Repullo - President

AEBIG MISSION

- Non-profit Association founded in 2010. Founder members of EBA

MISSION

- Promote **renewable gases** to improve the environment, generate renewable energy and help rural development
- Circular economy and sustainable agroecology
- Bioproducts (e.g. biofertilizers)
- Defend the interests of the sector
- Focal point with public and private organizations at national and international level
- Support technological developments as well as policies for the production and consumption of renewable gases

MEMBERS

34 FULL MEMBERS



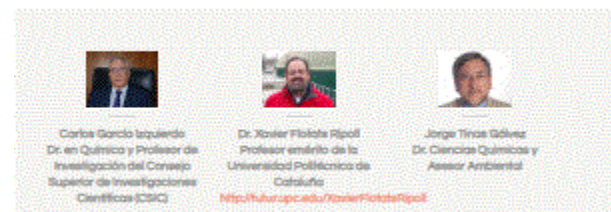
6 COLLABORATORS MEMBERS



4 KNOWLEDGE MEMBERS



3 HONORARY MEMBERS



SPAIN



- ✓ Surface area: 506.000 km²
- ✓ Coastlines: 8.000 km
- ✓ Population: 47,3 Million
- ✓ Livestock (Million heads):
 - Swine: 31
 - Cattle: 6,6
 - Dairy: 0,8
 - Sheep: 16
 - Goat: 2,8
 - Lying hen: 46

- ✓ Agricultural area: 30 Mha
- ✓ Utilised agricultural area (UAA): 23,2 Mha
 - o/w cultivated: 15,6 Mha
 - o/w pastures: 7,6 Mha

Source: Instituto Nacional de Estadística (INE) 2019

CURRENT SITUATION

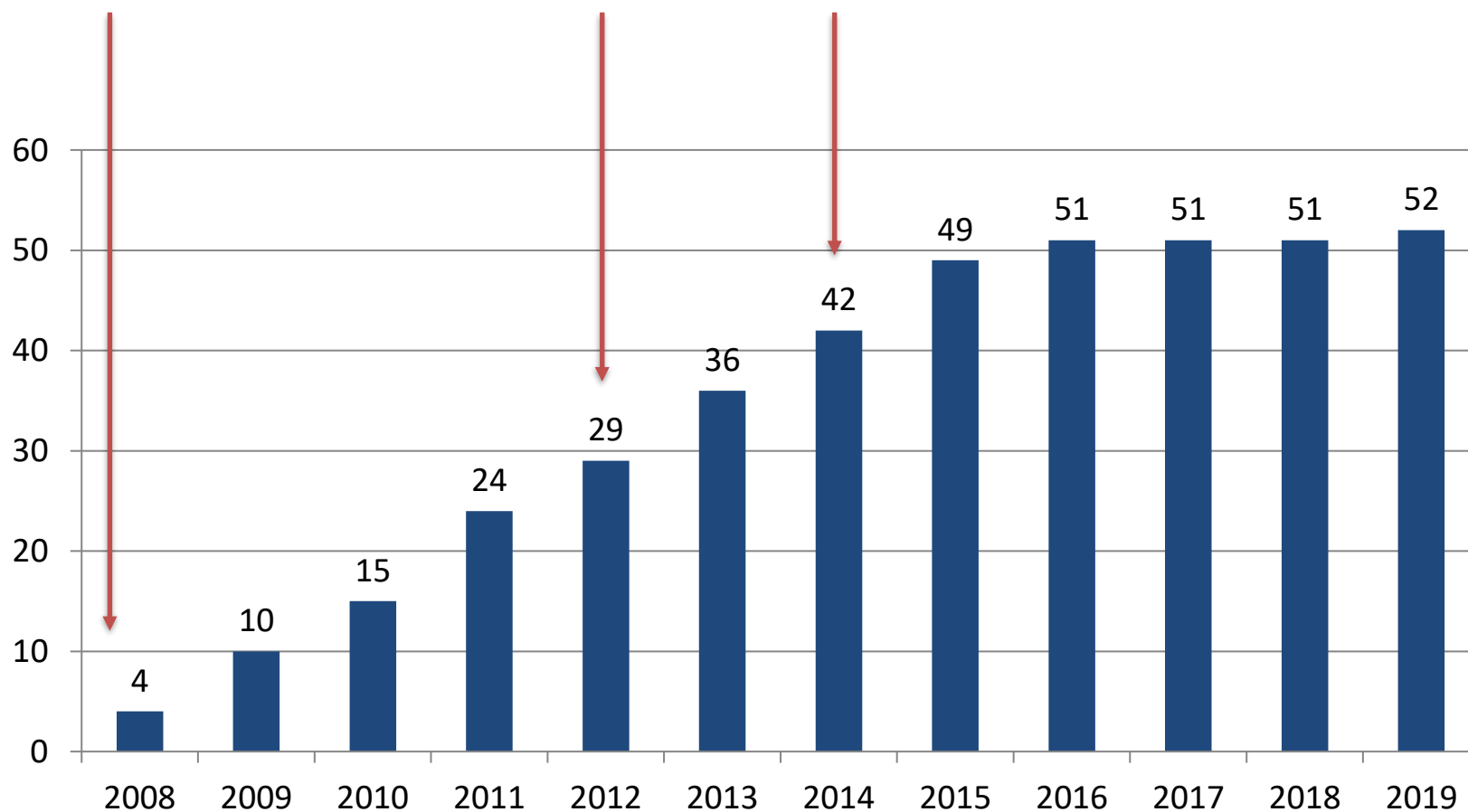
- **225 BIOGAS PLANTS (AVG. 700 KWh)**
 - **AGRICULTURE: 52**
 - **SEWAGE: 80**
 - **LANDFILL: 40**
 - **OTHER: 53**
- **2 BIOMETHANE PLANTS**
- **NO SUPPORT BIOGAS & BIOMETHANE**
- **NO GoO SYSTEM**
- **DEMAND > SUPPLY**

AGRICULTURE PLANTS EVOLUTION

RD 661/2007

RD 1/2012

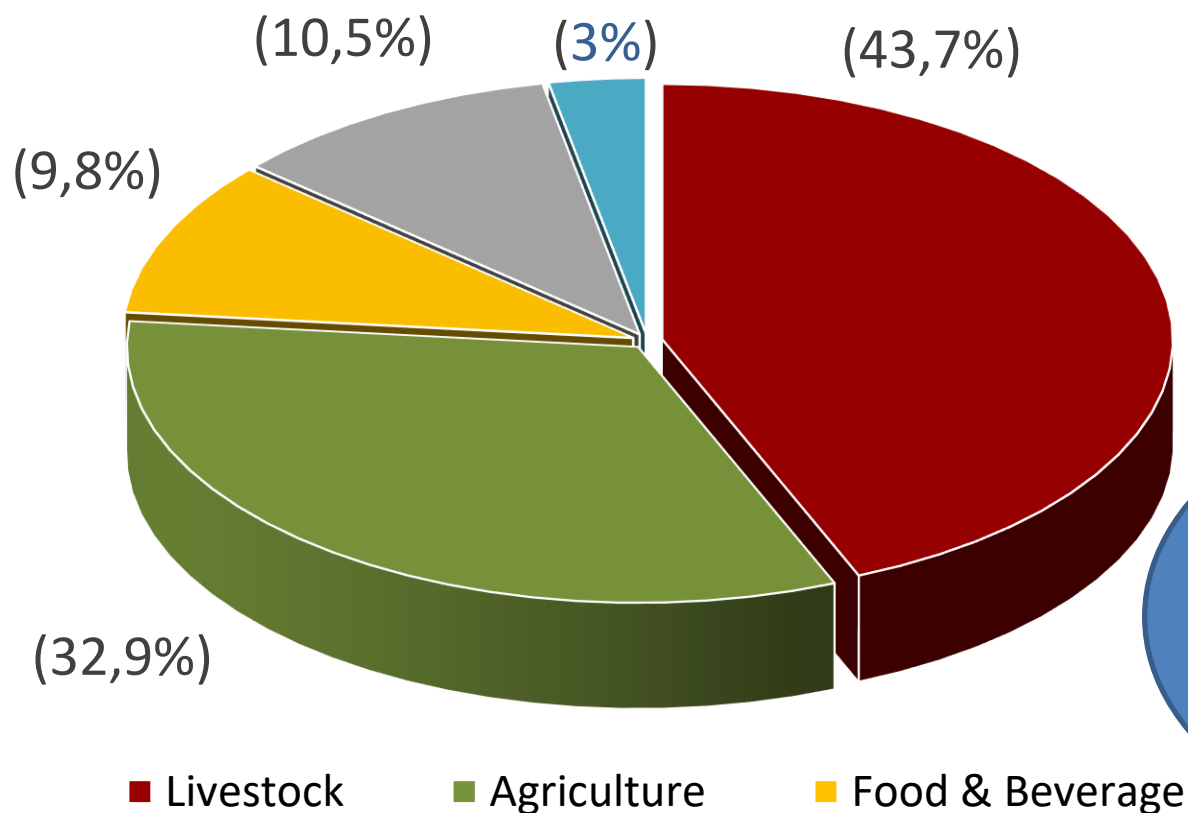
RD 413/2014



Source: AEBIG

POTENTIAL BY SOURCE

Range between 20 TWh – 34 TWh



+/- 34 TWh

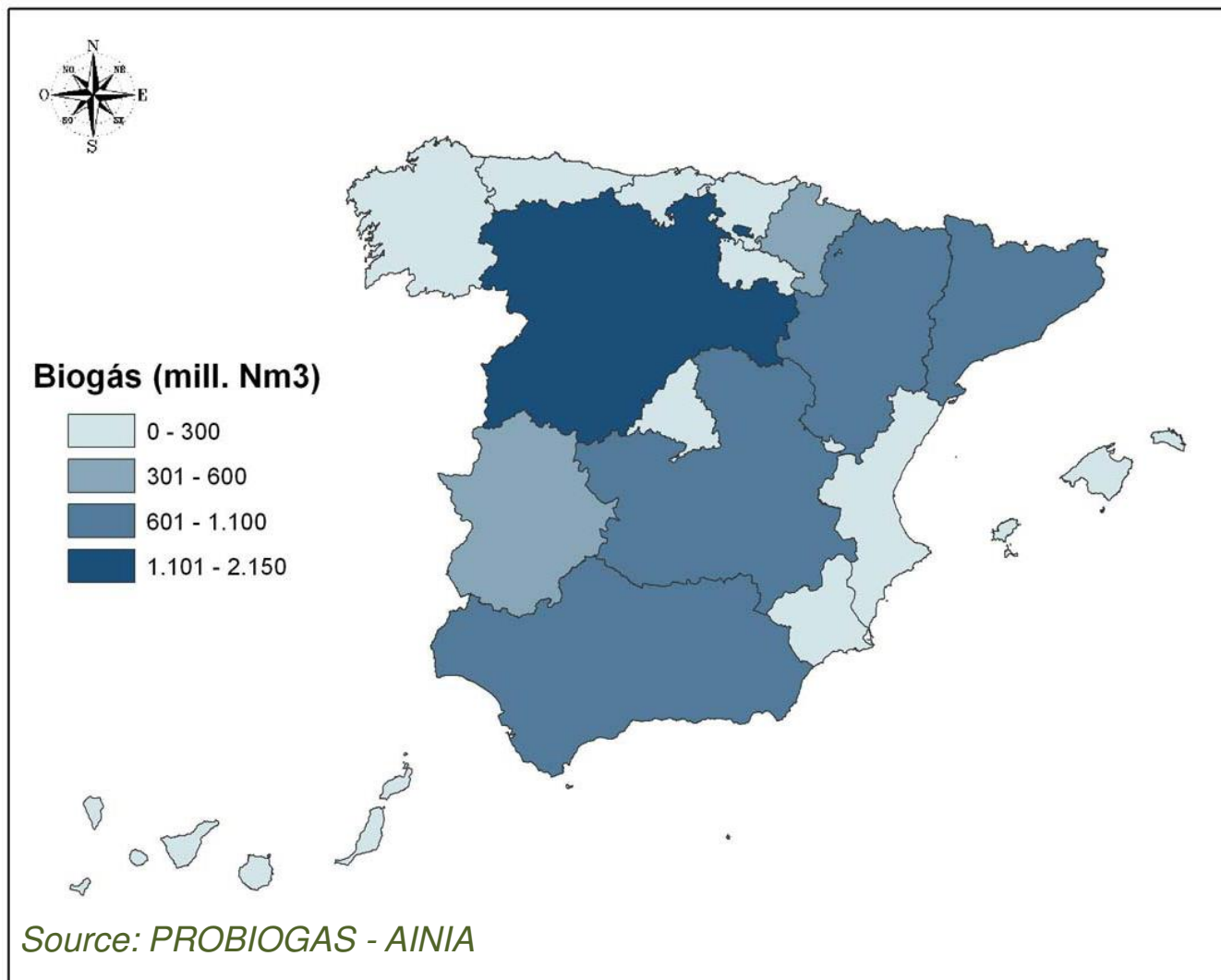
Eq. Consumption:

Domestic-commercial: 65%

Total: 10%

LD Vehicles: 4 Million

POTENTIAL BY COMMUNITY



WHAT DO WE NEED

- ✓ **ROADMAP**
 - Government - REGATRACE (top-down) – Others (bottom-up)
- ✓ **POLITICAL AND LEGISLATIVE SUPPORT**
 - Including Relief of Administrative burden
- ✓ **ECONOMIC / FINANCIAL SUPPORT TO DEVELOP & PROMOTE BIOMETHANE MARKET**
 - FiT, FiP, Fiscal incentives, Direct subsidies, etc.
- ✓ **GoO SYSTEM & NATIONAL ISSUING BODY**
- ✓ **ALIGNMENT WITH EUROPE**
 - Policies to promote biomethane
 - Objectives to foster a market based on GoO

“Climate Change and Energy Transition Law”

Promotion of renewable gases, including biogas, biomethane, hydrogen, by:

- a) Annual objectives of penetration of renewable gases (sale or consumption)
- b) A certification system that allows the supervision and control of the obligations
- c) Regulations to facilitate the injection of renewable gases into the grid

.../... **Financial Support System ?**

“Integrated National Energy and Climate Plan 2021-2030 (INECP)”

- ✓ 23% reduction in greenhouse gas (GHG) emissions compared to 1990
- ✓ 42% share of renewables in energy end-use
- ✓ 39.5% improvement in energy efficiency
- ✓ 74% share of renewable energy in electricity generation

Source: Ministerio para la Transición Ecológica y el Reto Demográfico

NEXT STEPS



MODEL PROPOSAL FOR THE CERTIFICATE OF ORIGIN

- ✓ Model Proposed by Nedgia (Voluntary Scheme)
- ✓ Specific procedure / Certification of Biogas and Biomethane: ISCC 201-3
- ✓ ISCC recognized by the EU
- ✓ Supported by ERGaR / AEBIG / GASNAM / AEAS





THANKS FOR YOUR ATTENTION



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