



IED IMPLEMENTATION IN SPAIN



- 1. ENVIRONMENTAL INSPECTION**
- 2. REDIA**
- 3. LA RIOJA INSPECTION PROGRAM**
- 4. CONCLUSIONS**
- 5. GOOD PRACTICES**



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Medio Ambiente

Calidad Ambiental y Agua

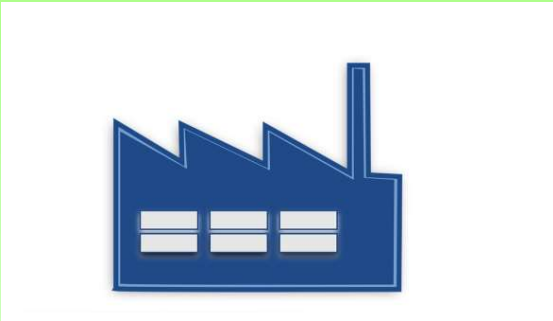




1. ENVIRONMENTAL INSPECTIONS



EU FRAMEWORK



RMCEI, 2001

Directive 2012/19/EU on WEEE, Article 23

Directive 1999/31/EC on the **landfill of waste**

Regulation (EU) N° 660/2014 of 15 May 2014, amending Regulation (EC) N° 1013/2006 on **shipments of waste**

IED



IED, 2010



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1. ENVIRONMENTAL INSPECTIONS



ON INDUSTRIAL EMISSIONS. SPANISH FRAMEWORK



50,000 IED Sites



6,000 IED Sites

RMCEI, 2001

IED, Directive 2010/75/EU on industrial emissions, 2010

RMCEI, 2001

Royal Decree 815/2013, of October 18, which approves the Regulation of industrial emissions and development of Law 16/2002, of July 1, on IPPC, arts. 21 to 24, inspection

Royal Legislative Decree 1/2016, of December 16, which approves the revised text of the Law on Integrated Prevention and Control of Pollution.



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1. ENVIRONMENTAL INSPECTIONS



ON INDUSTRIAL EMISSIONS. COMPETENCES

RMCEI.

Recommendation
on
2001/331/EC



Royal Decree 815/2013, of October 18, which approves the Regulation of industrial emissions and development of Law 16/2002, of July 1, on IPPC, arts. 21 to 24, inspection

Royal Legislative Decree 1/2016, of December 16, which approves the revised text of the Law on Integrated Prevention and Control of Pollution.

Competent authorities:

Ministry___ Transposition of Directives

- Water discharges to rivers
- Authorization and inspection on transboundary shipments, non UE countries.

Counties___ Planning, programming and inspection of IED establishments.

- Air Emissions, Soil pollution, Waste and Water discharges to inner rivers

Municipalities__ directly or by Consortiums

- Water discharges from waste water pipes to wastewater treatment plant
- Noise



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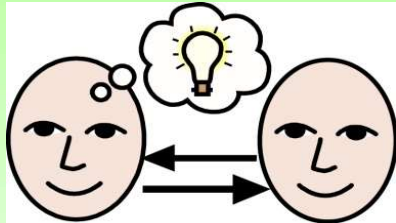


2. REDIA Spanish Environmental Inspection Network

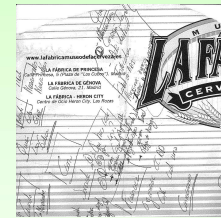


ORIGIN

- IF THERE IS A **WILL**, THERE IS A **WAY**
 - Time, effort, and sometimes money



- 2008 GALICIA:
 - First REDIA MEETING and First project: table cloth 25/06/2008



- 2010 MERIDA:
 - Rules approved



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2. REDIA Spanish Environmental Inspection Network



REDIA Instrument for cooperation and sharing experiences.

- **Meeting point** and permanent **forum** for
 - **dialogue** to exchange knowledge in relation with the environmental inspection. (email group, intranet web page)
 - **cooperation and institutional coordination** among the responsible persons for the environmental inspection: State and Counties (CCAA)
- Formal **Network**, open to other stakeholders.
 - **Secretariat, Plenary and executive Committee.**
 - One vote per member. Members are the responsible persons for environmental inspection, appointed by the environmental authority and one member representing the Environmental Ministry.



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2. REDIA Spanish Environmental Inspection Network



Zero Emissions

Implement inspection according to environmental law



Training programmes

COOPERATION



Versatile tools to manage inspection



Compare inspection performance



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2. REDIA Spanish Environmental Inspection Network



OUR LAST RUNNING PROJECT

Check list

NON COMPLIANCES ON ENVIRONMENTAL INSPECTIONS

<http://www.mapama.gob.es/es/calidad-y-evaluacion-ambiental/temas/medio-ambiente-industrial/inspeccion-ambiental/proyectos-ejecucion/default.aspx>

REDIA WEB PAGE

<http://www.mapama.gob.es/es/calidad-y-evaluacion-ambiental/temas/medio-ambiente-industrial/inspeccion-ambiental>



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3. LA RIOJA INSPECTION PROGRAM



Europe:
55.000 IED sites



La Rioja:
300,000 inhabitants /
5,050 Km²
55 IED sites

Spain:
46 million inhabitants / 505,000 Km²
6,274 IED sites (PRTR)



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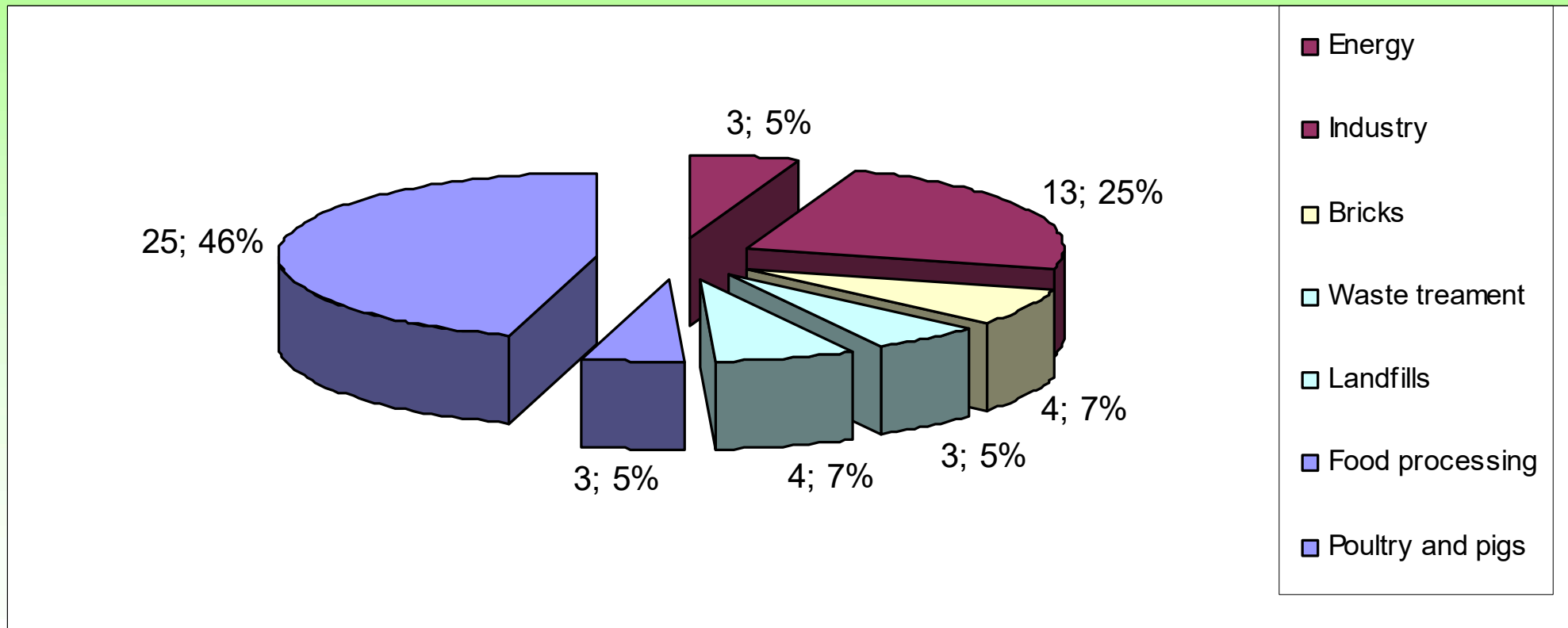




3. LA RIOJA INSPECTION PROGRAM



La Rioja: 55 IED sites. Inspection frequency: 8 yearly, 15 every 2 years, 32 every 3 years



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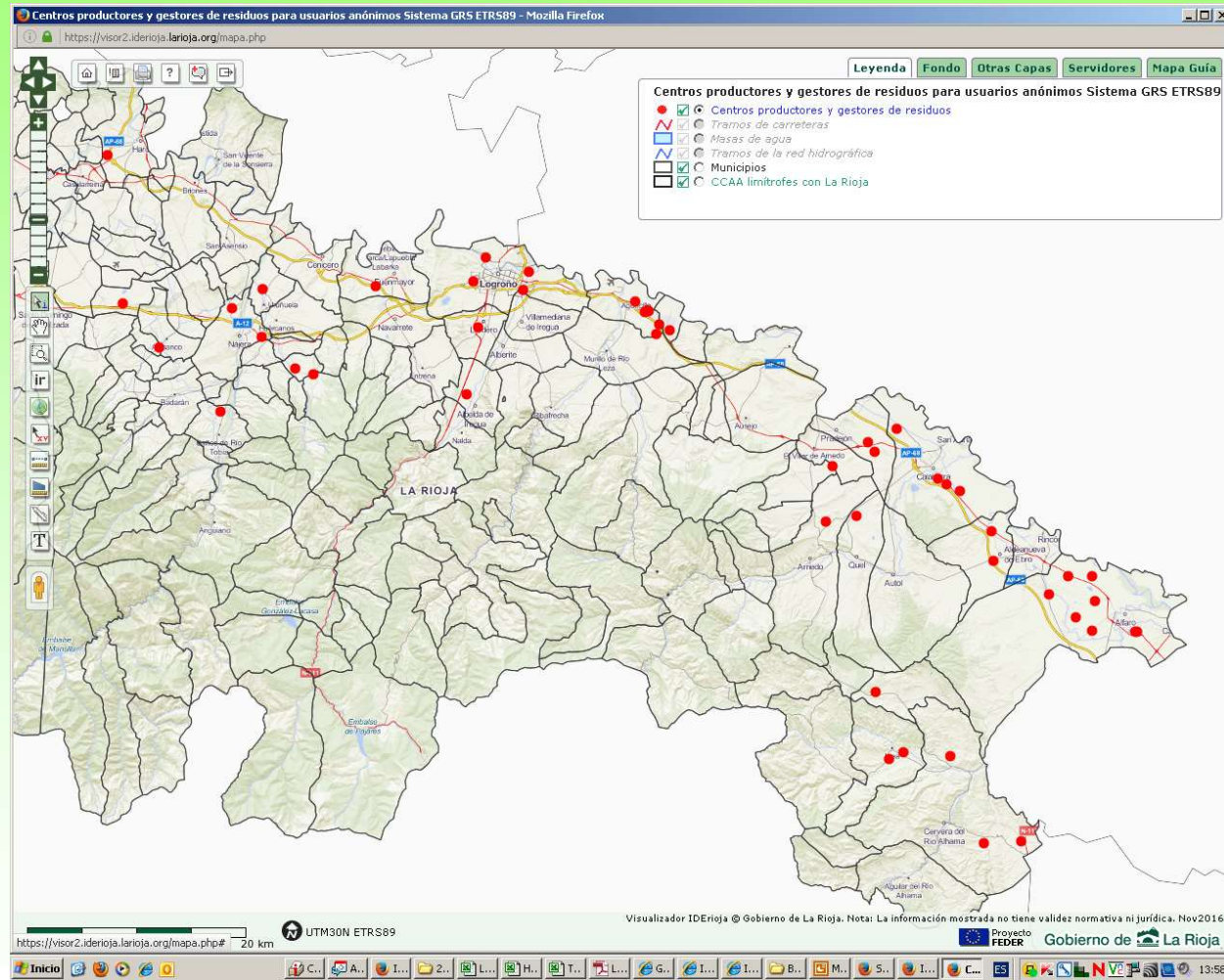




3. LA RIOJA INSPECTION PROGRAM



La Rioja: [IDE RIOJA](#)
[List](#)



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redia red de inspección ambiental



3. LA RIOJA INSPECTION PROGRAM



ON INDUSTRIAL EMISSIONS. WHAT TO INSPECT



EMISSIONS

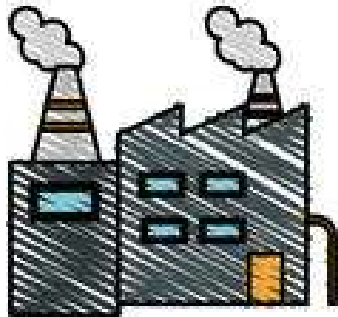
COMPETENT AUTHORITIES

Air Emissions_____Counties

Soil Pollution_____Counties

Waste_____Counties

Waste Water_____ Ministry, Counties, Municipalities



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PERMIT CONDITIONS



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Rearing of poultry and pigs
IED
Inspections every 3 years?
Cows?



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3. LA RIOJA INSPECTION PROGRAM



La Rioja: **55 IED** sites. Inspect frequency: 8 yearly, 15 every 2 years, 32 every 3 years

Inspection [plan 2013-2018](#)

Annual inspection programmes. During **2018, 28 inspections** and 7 inspectors part-job time.

Each inspection:

- Minutes. Signed by the inspector and usually by the operator. Copy for the operator when the inspection finishes.
- Report to the operator
- [Report to the public](#) (published in the Web Page)



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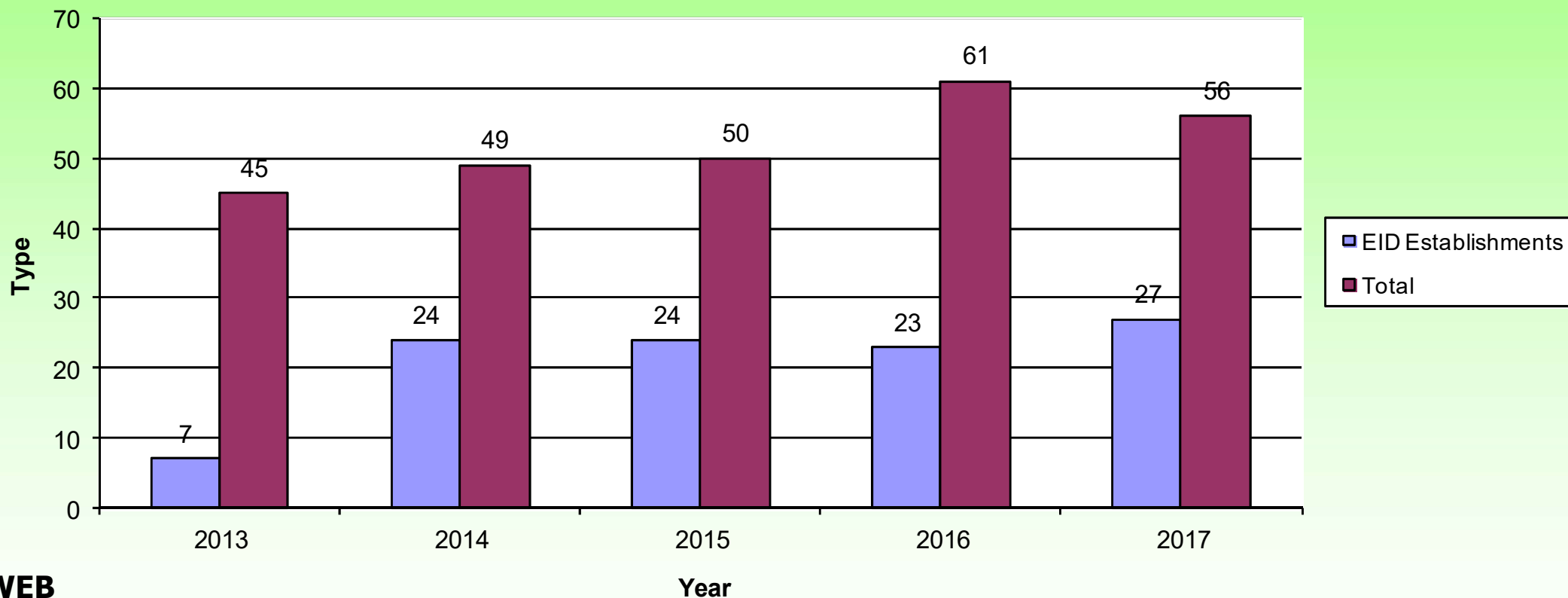




3. LA RIOJA INSPECTION PROGRAM



INSPECTIONS



WEB
<http://www.larioja.org/medio-ambiente/es/prevencion-control-ambiental/inspeccion-ambiental>



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4. CONCLUSIONS



POLLUTING IED ACTIVITIES

- 
- Waste treatment plants
 - Landfills
 - Industry (with chemicals)
 - Energy
 - Other industries: Bricks, food processing
 - Rearing poultry and pigs



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4. CONCLUSIONS



Inspection **time**, is almost the same for all activities (in our case, small factories)

Inspection frequency changes more because of the operator behaviour than for the emission values.

According to general inspection rules, with the same number of inspectors, it would be better to increase inspection **frequency** on chemical industries and waste treatment plants and landfills, and decrease frequency for poultry and pigs (once every 6 years)

Strengths. After 5 years, activities regularly inspected have **improved**. Each facility in Spain has one ID Number

Weakness. In la Rioja, 7 part-time inspectors (10%)



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5. GOOD PRACTICES



-First inspection

- Within the next year the industry starts its activity.
- Going with the permit writer, to allow them to check the permit conditions and the improvement of permits
- Inspection frequency is established according to the kind of installation and the operator behaviour.
- Inspectors should inspect different activities, not always the same activity and the same inspector team.

- Permits. Easy to check, schedule and flow-charts (Portugal)

<http://www.larioja.org/medio-ambiente/es/prevencion-control-ambiental/inspeccion-ambiental>



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THANKS FOR YOUR ATTENTION!



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