# An interregional cooperation project for improving resource-efficient economy policies.

**Project Partners:** 

Government of Aragon (ES)

Regional Development Agency of South Bohemia -RERA a.s. (CZ)

State office for contamined sites, Saxony-Anhalt (DE)

Government of Galicia - General Directorate of Environmental Quality and Climate Change (ES)

Experimental Zooprofilactic Institute of Lazio and Toscana M. Aleandri - IZSLT (IT)

Central Mining Institute - GIG (PL)









LINDANET will create a network of European regions with the objective of improving decontamination policies for the persistent organic pollutant, lindane.

# www.interregeurope.eu/lindanet



**European Union European Regional Development Fund** 



# **PROJECT DURATION**

**Phase 1:** 1 August 2019 – 31 January 2022 Phase 2: 1 February 2022 – 31 January 2023

## BUDGET

**Total budget:** 1.348.635,00 € **EU financing:** 1.146.339,45€

### **Project Partners:**



Government of Aragon (ES)



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State office for contamined sites, Saxony-Anhalt (DE)



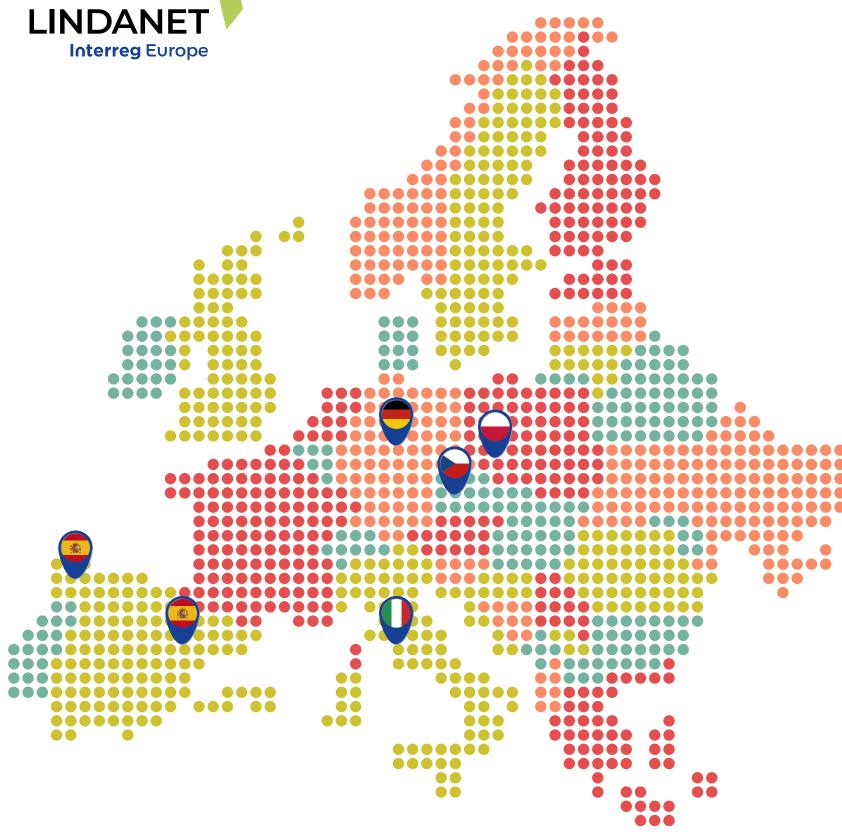
Government of Galicia - General Directorate of Environmental Quality and Climate Change (ES)



**GiG** Research

Experimental Zooprofilactic Institute of Lazio and Toscana M. Aleandri - IZSLT (IT)

Central Mining Institute - GIG (PL)





# **PROJECT STRUCTURED IN TWO PHASES:**

# Phase 1: INTERCHANGE OF EXPERIENCES

1. Interchange of experiences at interregional level (workshops among partners) and at regional level (stakeholder

2. Exploitation of lessons learnt from this cooperation by means of the elaboration of action plans.

# Phase 2: IMPLEMENTATION OF ACTION PLANS

Implementation and monitorization of regional action plans.



# **INTERCHANGE OF EXPERIENCES**

# **THEMATIC WORKSHOPS:**

Governance, regulation and public policies on HCH contamination

Techcnical aspects on HCH contamination

Social and Health aspects on HCH contamination

Action Plans elaboration

# **RESULTS:**

Learning from actions carried out in other regions Assessment of the situation in each region: brainstorming sessions Identification of 15 Good Practices







### **PROJECT GOOD PRACTICES:**







# ACTION PLANS







# **ACTION PLAN ARAGON (SPAIN):**

### Addressed Policy Instrument:

Aragón ERDF OP 2014-2020 Priority axis 6: Conservation and protection of the environment and efficiency of resources. Investment priority 6E, Specific Objective SO.6.5.1. Improvement of the urban environment, revitalization of cities, regeneration and decontamination of abandoned industrial areas and reduction of air pollution.

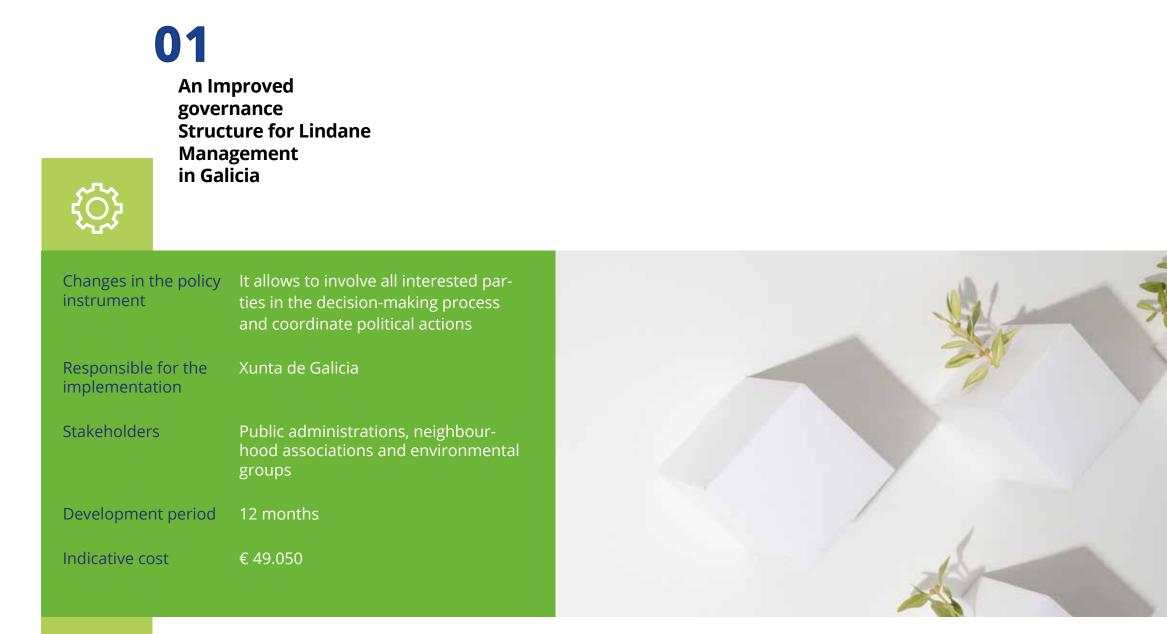
|                                    | sign<br>ne website<br>.stoplindano.es   | of r<br>fore                       | dy of alternatives<br>nanagement of the<br>est mass of the old<br>lin landfill | for<br>Ind<br>Equ                  | alth and Safety APP,<br>the control of the<br>ividual Protection<br>ipment and the<br>alth surveillance | d<br>o<br>h<br>C<br>O              | reation of a<br>ocumentary collection<br>n HCH, that will be<br>osted in the "Reference<br>entre of Persistent<br>organic Pollutants"<br>f Pirenarium |
|------------------------------------|---|------------------------------------|--|------------------------------------|---|------------------------------------|---|
| Changes in the policy instrument   | Boosting the implemen-<br>tation of projects, impro-<br>vement on the communi-<br>cation of project results | Changes in the policy instrument   | Minimizing risks in all<br>actions of the policy<br>instrument                 | Changes in the policy instrument   | Improvement in all cu-<br>rrent and future projects   | Changes in the polic<br>instrument | cy Improvement the efficien-<br>cy and performance of cu-<br>rrent and future projects  |
| Responsible for the implementation | Government of Aragon  | Responsible for the implementation | Government of Aragon   | Responsible for the implementation | Government of Aragon  | Responsible for the implementation | Government of Aragon  |
| Stakeholders                       | Public and private com-<br>panies, research organi-<br>zations, general public                              | Stakeholders                       | Site employees, civilian protection citizens                                   | Stakeholders                       | Technical H&S staff, site<br>employees, labour<br>inspection  | Stakeholders                       | Research centers, Univer-<br>sities, Sabiñánigo Town<br>Council, remediation<br>companies   |
| Development period                 | 7 months  | Development period                 | 6 months   | Development period                 | 9 months  | Development perio                  | d 6 months  |
| Indicative cost                    | € 10,000  | Indicative cost                    | € 5,000  | Indicative cost                    | € 10,000  | Indicative cost                    | € 50,000  |
| ACTION                             |   | ACTION                             |  | ACTION                             |   | ACTION                             |   |



# **ACTION PLAN GALICIA (SPAIN):**

### **Addressed Policy Instrument:**

Galicia ERDF 2014-2020 Operational Programme, Priority Axis 6: Preserving and Protecting the Environment and Promoting Resource Efficiency



# **ACTION**





# **ACTION PLAN SOUTH BOHEMIA (CZECH REPUBLIC):**

### Addressed Policy Instrument:

Strategy on Waste Management of South Bohemian Region

| profes                             | asing capacity and<br>ssional knowledge<br>olved staff  | 02<br>Tre<br>rer<br>me<br>cor      |  |      |
|------------------------------------|---|------------------------------------|--|------|
| Changes in the policy instrument   | Series of educational workshops<br>that will deepen the POPs and<br>HCH related knowledge of<br>relevant public admin staff | Changes in the policy instrument   | Comprehensive methodology<br>gathering relevant information<br>on POPs gained through the<br>project |      |
| Responsible for the implementation | RERA - Regional Development<br>Agency of South Bohemia  | Responsible for the implementation | RERA - Regional Development<br>Agency of South Bohemia   | 20.4 |
| Stakeholders                       | RERA, ARNIKA, regional autho-<br>rities of South Bohemia and<br>Pilsen Region   | Stakeholders                       | RERA, ISES, ARNIKA, Regional<br>Authority of South Bohemia   |      |
| Development period                 | 10 months   | Development period                 | 9 months   |      |
| Indicative cost                    | € 3600  | Indicative cost                    | € 2500   |      |
| ACTION                             |   | ΑCTION                             |  |      |







# **ACTION PLAN SAXONY-ANHALT (GERMANY):**

### **Addressed Policy Instrument:**

OP ERDF Saxony-Anhalt 2014-2020. Priority axis 4: Preserving and Protecting the Environment and Promoting Resource Efficiency. Investment priority 6E. Specific objective 11: Reduction of land use by supporting the inner-city development and by improving the use of brownfields and conversion areas in urban areas.

&

Rural Development Programmes 2014-2020 (EAFRD). FOCUS AREA 4B: Improving water management, including fertiliser and pesticide management.

| to a<br>Floo                       | 01<br>Next steps on the way<br>to an integral Mulde<br>Floodplain<br>Management  |                            | <b>O2</b><br>Establishment of 3<br>committees for ensuring<br>the long-term goal: The<br>joint development of an<br>integral Mulde Floodplain<br>Management |   |                    |
|------------------------------------|--|----------------------------|---|---|--------------------|
| Changes in the policy instrument   | Next steps are the tendering and im-<br>plementation of an investigation con-<br>cept for the Mulde floodplain financed<br>out of EAFRD funds. | Changes in t<br>instrument | he policy   | Committees boost cooperation and<br>thus usage of structural funds for finan-<br>cing upcoming measures in the Mulde<br>Floodplain. | Change:<br>instrum |
| Responsible for the implementation | State Office for Contaminated Sites<br>(LAF)   | Responsible<br>implementa  |   | State Office for Contaminated Sites<br>(LAF)  | Respon:<br>implem  |
| Stakeholders                       | Stakeholder network of Saxony-Anhalt   | Stakeholder                | 5   | Stakeholder network of Saxony-Anhalt  | Stakehc            |
| Development period                 | 12 months  | Developmer                 | t period  | 12 months   | Develop            |
| Indicative cost                    | Up to € 471,009.14   | Indicative co              | i.  | No expenses expected  | Indicativ          |
| ACTION                             |  | ACTION                     |   |   | ACTION             |



# 03 Preparation of a technical report on the Lindane heritage of the **Bitterfeld-Wolfen region** es in the policy The technical report preserves knowledge of the regional Lindanent ne heritage and supports future HCH related funding applications. nsible for the State Office for Contaminated nentation Sites (LAF)

Stakeholder network of Saolders xony-Anhalt

pment period 8 months

No expenses expected ive cost

# **ACTION PLAN SILESIA (POLAND):**

Addressed Policy Instrument:

The National Plan for Reconstruction and Increasing Resilience

|                            | region<br>group<br>HCH p | ishing the<br>nal task-force<br>for solving the<br>roblem at<br>Inica Valley<br>orzno  |  |
|----------------------------|--------------------------|--|--|
| Changes in t<br>instrument | the policy               | Establishing the regional task-force group for solving the HCH problem at Wąwolnica Valley in<br>Jaworzno within Action Plan is a structural change. It will share out responsibilities among the<br>competent authorities in Silesian Voivodeship. Establishing the task-force will allow for coordina-<br>tion the decisions for progressing towards the HCH remediation within the KPO. |  |
| Responsible<br>implementa  |                          | Central Mining Institute in cooperation with Marshal's Office of the Silesian Voivodeship  |  |
| Stakeholder                | ſS                       | Marshal's Office of the Silesian Voivodeship<br>Central Mining Institute<br>Jaworzno City<br>Regional Directorate for the Environmental Protection in Katowice<br>Voivodeship Inspectorate for Environmental Protection in Katowice  |  |
| Developmer                 | nt period                | February 2022 - December 2022  |  |
| Indicative co              | ost                      | € 5000   |  |

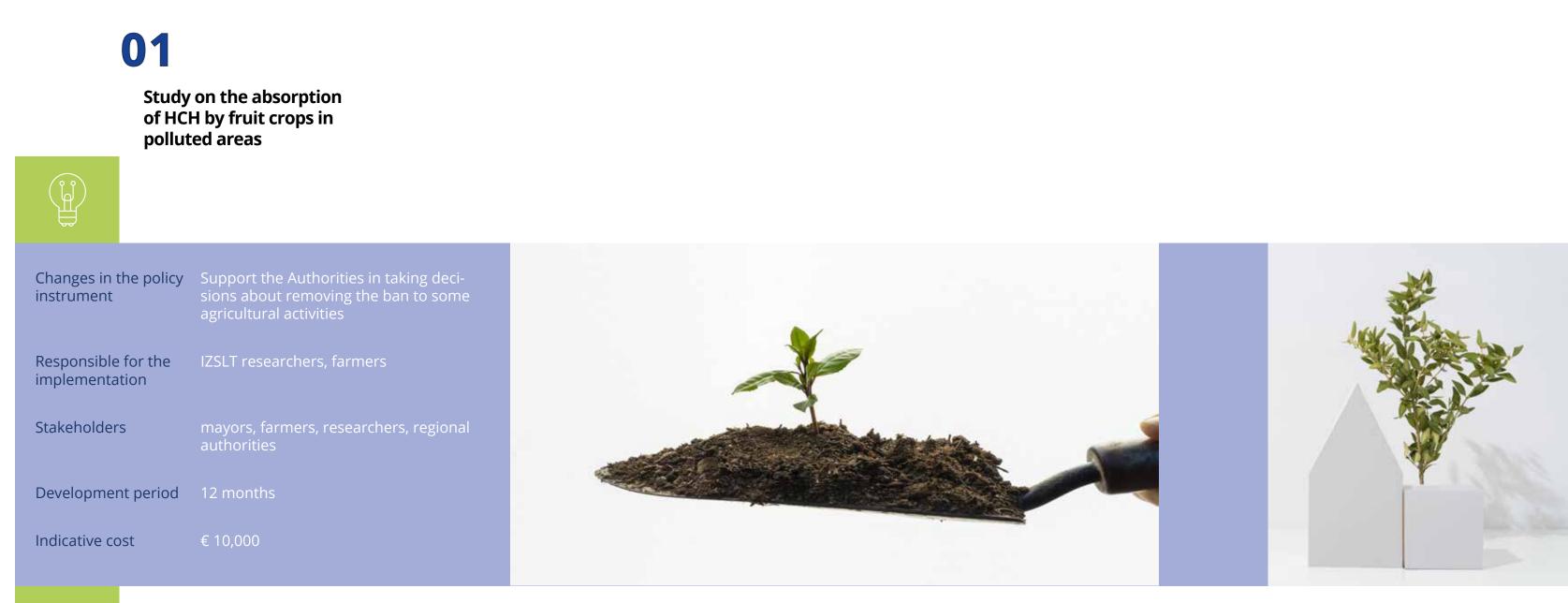




# ACTION PLAN LAZIO (ITALY):

**Addressed Policy Instrument:** 

Characterization Plan of riparian agricultural areas (derived from the former Regional Monitoring Plan on Chemical Residuals)



# **ACTION**





# www.interregaurope.eu/lindane



European Union European Regional Development Fund