



SME ORGANICS
Interreg Europe



INTIA

Support to research
training and advice

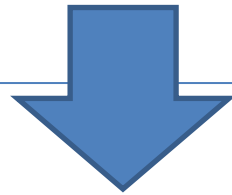


INTIA OVERVIEW



INTIA. SOME

- ❑ **FIGURES** Public Company created by the Government of Navarra
- ❑ **Mission:** Transfer and innovation in the agricultural sector to improve profitability and sustainability , sustain a living countryside, and providing to society high-quality foodstuffs
- ❑ Founded in 1/10/2011 from the fusion of several Public Companies **with over 30 years worth of experience in agriculture, irrigation and in the food industry**
- ❑ It is financed by the G. N., partners, various clients, and R&D projects



- ❑ 2016 Budget 12 M€
- ❑ 195 workers
- ❑ 14 field for conducting experiments, 13 territorial offices, wide network of farmers and cooperatives that work with us in experiments
- ❑ 138 highly qualified technicians
- ❑ Partners: more than 47 cooperatives, 28 groups, 7.500 farmers, 1.122 ranchers
- ❑ 330 R&D and experimentation projects during 2015, 91 through contracts with companies
- ❑ 65 training courses in 2015 for more than 1.823 people

AREAS OF EXPERTISE

Crop Protection and phytosanitary products

Animal genetics and plant varieties

Animal health

New techniques

Cultivation Technologies and Techniques

Animal feed and husbandry

Organic and chemical fertilization

Agricultural machines

Automation of animal husbandry

Irrigation and infrastructures

Sustainability, waste management and energy efficiency

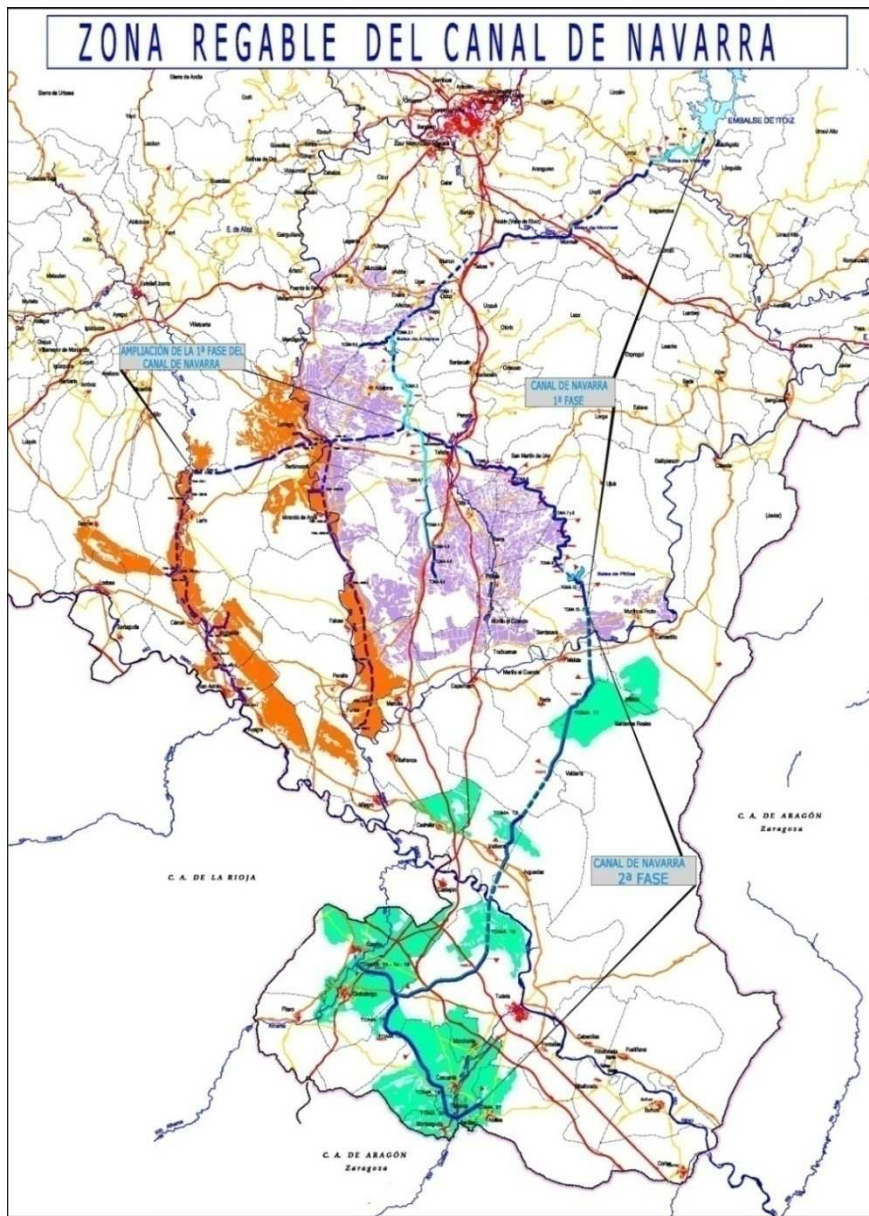
Precision agriculture, use of IT&C, and decision making tools

Techno-economical management

Quality Control and certification

Agro-alimentary marketing and merchandising

Our Major Project: Navarre Canal



ITOIZ reservoir
418 hm³ capacity
500 hm³ regulation



Navarre Canal
177 kilometres



Irrigation zone
59.160 ha

Three phases:

1st phase. Completed. More than 22.000 ha

Expansion 1st phase. Under way

Second phase. Being planned

Research



R&D Projects

- Erasmus+. Smart Rural
- Horizon 2020. Smart Akis, Recap, Fertinnowa
- Life. Agointegra, Regadiox, Regen Farming
- 7º Framework Program. Flint

Experimentation

- Agricultural Production:** ecological, conventional
horticulture, extensive crops, vineyard, olive, fruits, greenhouse
- Crop Protection
- Soils and fertilization
- Crop techniques
- Animal Production:** ecological, conventional
sheep, bovine
- Animal Feed
- Fodder Production
- Slurry and manure management
- Production Systems



Advisory Services



Offering Technical Information and support



- CLOSENESS. Needs
- CONFIDENCE. Impartiality and objectivity
- FOLLOW ADVICES

Partners / Member farmers

Knowledge transfer

- Offering information and support
- Explanations, posters in cooperatives
- Showing conducted experimentations
- Ongoing training courses
- Navarra Agraria Magazine
- website www.intiasa.es
- SMS messages...



Promotion, Inspection and certification

❑ **Inspection as a body control:** We inspect food products quality in order to be certified by an external Certification Body or by Administration.

❑ **Product certification:** Product Certification according the 45011 international standard required to the Certification Bodies by EU and another private quality standards.



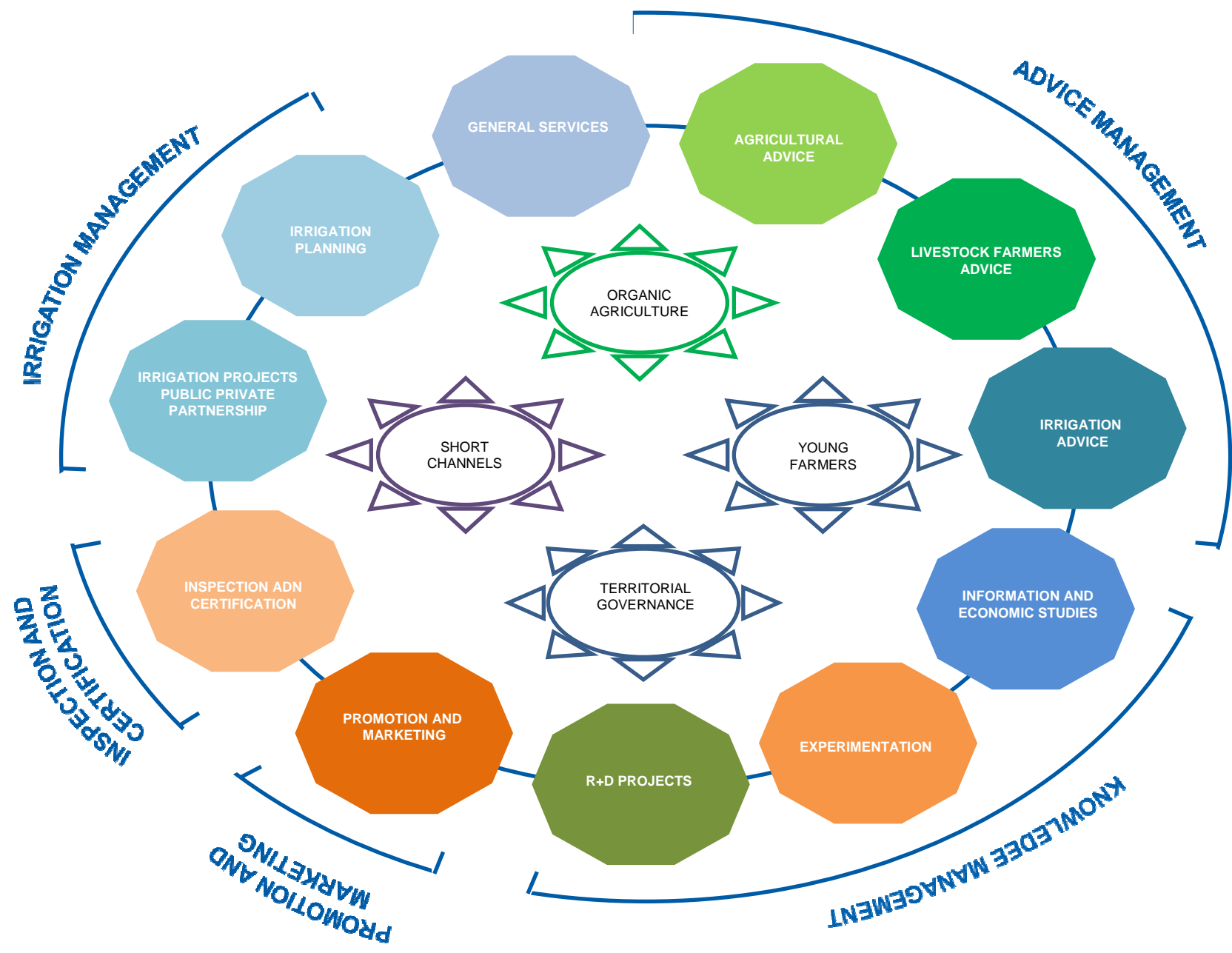
❑ **New quality food regulations:** Development of Standards required for creating or updating technical standards for different referential quality public and private in the agro-alimentary sphere.

❑ **Promotion of quality brands:** promote and spread the Regional Quality Brand called “Reyno Gourmet”. Add companies and quality products of Navarre to the brand.

❑ **Trade Fairs and Promotional events:** assist agri-food companies attending to the Trade Fairs in terms of Services, as booth design and construction, logistic, organization, coordination for greater focus on commercial prospecting. We organize promotional events and public relations.



NEW ORGANISATION CHART AND ORGANIC ADVICE



GENERAL SERVICES

AGRICULTURAL
ADVICE

LIVESTOCK FARMERS
ADVICE

IRRIGATION
ADVICE

INFORMATION AND
ECONOMIC STUDIES

EXPERIMENTATION

R+D PROJECTS

PROMOTION AND
MARKETING

INSPECTION AND
CERTIFICATION

IRRIGATION PROJECTS
PUBLIC PRIVATE
PARTNERSHIP

IRRIGATION
PLANNING

ORGANIC
AGRICULTURE

SHORT
CHANNELS

YOUNG
FARMERS

TERRITORIAL
GOVERNANCE

INSPECTION AND
CERTIFICATION

PROMOTION AND
MARKETING

IRRIGATION MANAGEMENT

ADVICE MANAGEMENT

KNOWLEDGE MANAGEMENT



INTIA RESEARCH

LIVESTOCK RESEARCH

• **Orreaga-Roncesvalles** Research field dedicated to sheep milk production based on grazing from 2002. Regenerative Farming from 2013.

Work lines

- Improve technical results in organic dairy sheep
- Grazing based milk



• **Erremendia** research field fodder and organic lamb production from 2002.
• From 2012 organic potato for seed.

Work lines

- Rotations of grassland and potatoes
- Improve profitability of organic potato

RESEARCH IN VINEYARD

BARETÓN RESEARCH FIELD

- 8.500 square meters plot
- Organic research from 2010



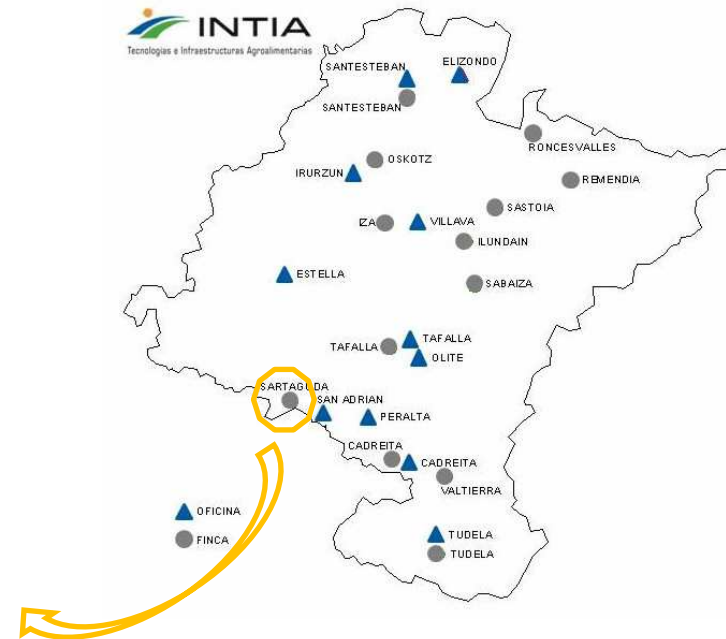
Work lines

- Plant biodiversity management
- Plant cover
- Auxiliary fauna
- Moth control
- Mildiu control
- Oidium control
- Wine quality improvement

OPEN AIR HORTICULTURE RESEARCH

SARTAGUDA RESEARCH FIELD

Inscription of a plot of 1,25 ha, of Sartaguda experimental field to be certified by CPAEN (Navarra Organic Agriculture Production Agency)



2016

- Experimentation on:
- Borage
- Chard
- Thistle/Cardoon

GREENHOUSE HORTICULTURE RESEARCH

SARTAGUDA RESEARCH FIELD

- Organic experimentation from 2002
- Greenhouse surface 2.000 m².

2016

Experimentation with
lettuce and onion





INTIA TRAINING

TRAINING

Approaches:

WHO TEACHES

- Organic farmers
- Researchers
- Advisers

WHO LEARNS

- Advisers
- Young/New farmers
- Transition for conventional farmers

First training courses 2016

WHO TEACHES

1. Organic farmer (vineyard)
2. Organic farmer (dairy) with INTIA adviser/researcher
3. INTIA adviser
4. INTIA adviser/researcher
5. Research field demonstration (Horticulture)

WHO LEARNS

1. INTIA advisers
2. Conventional farmers (cheese makers)
3. Young/New farmers
4. Farmers/Public
5. Conventional farmers

TRAINING COURSES: 2017 PROPOSAL

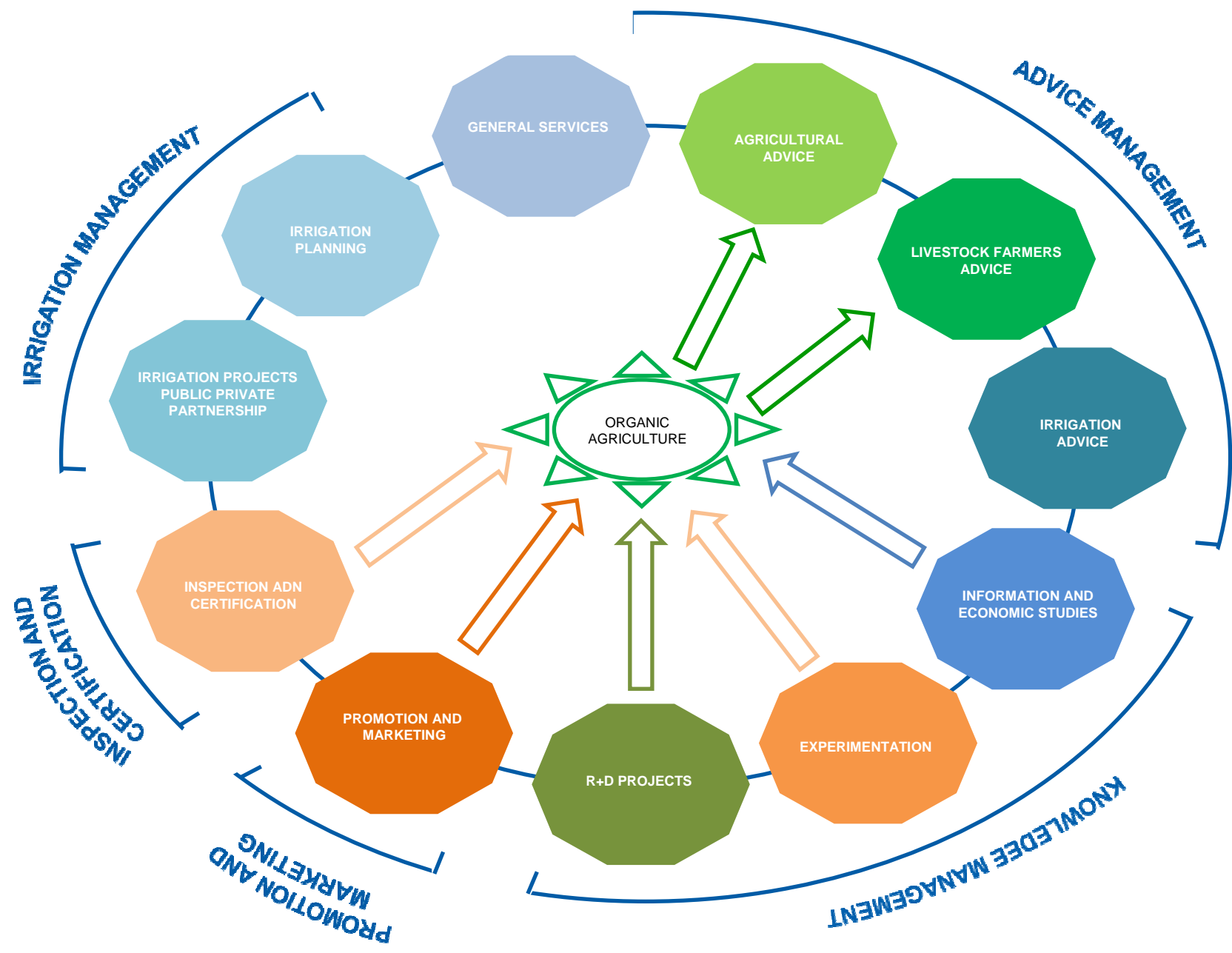
Nº	COURSE	HOURS	PLACE
1	Transition to organic agriculture	20	Villava
2	Transition to organic livestock production	20	Villava
3	Transition to organic horticulture (open air)	20	Cadreita
4	Transition to organic horticulture (green house)	20	Sartaguda
5	Organic cereal production	10	Olite
6	Winter green house organic horticulture demonstration	4	Sartaguda
7	Summer green house organic horticulture demonstration	4	Sartaguda
8	Organic fertilizers	3	Olite
9	Organic fertilization in vineyard	4	Olite
10	Compost in horticulture	4	Olite
11	Identification of auxiliary fauna different cultures	20	Olite
12	Short channels and direct sales of organic food	12	Villava
13	Organic forage	20	Villava
14	Organic potatoes	12	Aribe/Ezcaroz



INTIA ADVICE

ADVICE

- In the new RDP 2014-202 INTIA has been designated as official advisory service by the Regional Government.
- Till now organic advisory service was integrated in conventional service teams
- In the new organization a multidisciplinary team is promoted to answer all kind of questions related to any organic project: Agricultural yields, fertilizers, Animal production, pests, commercialization, profitability, training.....
- Advisory service specially oriented to young farmers promoting a new agro ecology project





MYULTIDISCIPLINARY ORGANIC TEAM

INTIA ORGANIC TEAM. 8 people with partial dedication

- Coordination and extensive crops
- Horticulture
- Orchards and pest control
- Viticulture
- Livestock and fodder production
- Veterinary
- Commercialization
- Training

Coordinated with:

- Agriculture Department of regional Government
- CPAEN (Navarra Organic Agriculture Production Agency)



THANK YOU

