

## Dairy-4-Future

## ORGANISATION

N° 3	NEIKER/ 
Country 	Contact person Pilar Merino
Type of organisation Research	<a href="http://www.neiker.eus">www.neiker.eus</a>



### Team (key staff involved)

Name	Position
Pilar Merino	Researcher
Haritz Arriaga	Researcher
Aser García	Researcher
Oscar del Hierro	Researcher
Ainara Artetxe	Technician
Idoia Goiri	Technician
Idoia Ziluaga	Administration



## Our expertise

- ✓ **Greenhouse emissiion** monitoring from soil and livestock facilities
- ✓ **Ammonia** emission monitoring from soil and livestock facilities
- ✓ Evaluation of **farming practices** effect on gaseous emissions
- ✓ Modelling farm nutrient balance and emissions (**BATFARM model**)
- ✓ Experimental assessment of dairy cattle feeding trials on **enteric fermentation** emissions (Dr Aser García)
- ✓ **Carbon footprint** evaluation in agriculture (Oscar del Hierro)

### Our Partner Associates:

- ✓ Iparlat
- ✓ Lursail



## Role in the project

Work package nr	Role
2-Communication	Contribution as partner, transference to the regional sector
3-Capitalization	Contribution as partner
4-Dairy Analysis	Contribution with evaluation of 10 PF
5-Fostering dairy economic resilience	Contribution with evaluation of 10 PF
6-Resource efficiency	Pilot farms evaluation
7- Sustainable system for the future	Contribution

- 10 PF selected for being highly efficient in resource management, work organization and adoption of innovative management.
- College farm for resource efficiency innovation: alternatives to soy bean in concentrate

# Use of nutritional strategies to improve dairy cow feed efficiency

-Nutrient balance

-Experimental determination of carbon and nitrogen emissions from animal and soil.

