

Assessment tools of the actions for reduction of emissions in dairy farms

Riferimenti

Tipo di progetto

Gruppo Operativo

Acronimo

Milkgas

Tematica

Emissioni di inquinanti e gas serra

Information

Time frame

2017 - 2020

Durata

36 months

Partners (no.)

4

Regione

Emilia-Romagna

Comparto

Zootecnia - bovini/bufalini

Localizzazione

ITH52 - Parma

ITH53 - Reggio nell'Emilia

ITH54 - Modena

Costo totale

€196.555,04

Fonte di finanziamento principale

Programma di sviluppo rurale

Programma di sviluppo rurale

2014IT06RDRP003: Italy - Rural Development

Programme (Regional) - Emilia Romagna

Parole chiave

Animal husbandry and welfare

Climate and climate change

Sito web

http://milkgas.crpa.it/nqcontent.cfm?a_id=1649

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Project status

completed



Objectives

To develop a decision support system, that allows dairy farmer and advisers to assess, based on their shared knowledge, the level of emissions of the farm and to identify the best technical and economic mitigation techniques adapted to the specific conditions of the dairy farms.

Moreover, the project foresees the validation of some new technical and management solutions applied to the farms of the Operational Group, that potentially are able to reduce the emissions of ammonia and greenhouse gases.

Activities

Preliminary study of the production conditions of the regional dairy sector and the techniques that have an impact on emissions.

Assessment of the effect of some innovative technologies and management techniques on the level of emissions of dairy farms.

Design of a calculation tool for the estimate of dairy farm emissions.

Evaluation of the potential reduction of emissions of the regional dairy sector due to the adoption of mitigation technologies with reference to different scenarios.

Dissemination and training.

Partenariato

Strumenti di valutazione delle azioni di riduzione delle emissioni negli allevamenti bovini da latte

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<https://www.innovarurale.it/pei-agri/gruppi-operativi/bancadati-go-pei/strumenti-di-valutazione-delle-azioni-di-riduzione-delle>

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Pratiche abstract

Description

The main expected results are: an improvement of the specific knowledge about emissions of dairy farms; a support to the investment decisions and the choice of the technical options to reduce the emissions of single dairy farms.

The regional dairy farms may benefit of the knowledge produced within this project, in particular about technically feasible solutions to reduce the emissions of ammonia and greenhouse gases. The research activities of the project will deepen the knowledge about housing and environmental control systems, as well as about management techniques, manure storage and spreading in dairy farms, that have a positive effect on the reduction of emissions in the atmosphere.

The innovative tool realized in this project allow the single dairy farms to carry out a selfassessment and to estimate the potential reduction of emissions related to the application of an innovative technique or a change of management.

The project finally estimates the actual emissions of the regional dairy sector and carries out an assessment of the possible reduction of emissions due to the adoption of innovative techniques with reference to different scenarios.

Link utili

Titolo/Descrizione	Url	Tipologia
Sito web del progetto	http://milkgas.crpa.it/nqcontent.cfm?a_id=16495	Sito web
newsletter 1 - Obiettivi e attività del progetto	http://milkgas.crpa.it/nqcontent.cfm?a_id=21593	Materiali utili

Strumenti di valutazione delle azioni di riduzione delle emissioni negli allevamenti bovini da latte

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<https://www.innovarurale.it/pei-agri/gruppi-operativi/bancadati-go-pei/strumenti-di-valutazione-delle-azioni-di-riduzione-delle>

Titolo/Descrizione	Url	Tipologia
Indagine conoscitiva sugli allevamenti emiliani (Parte1) - Newsletter n.2	http://milkgas.crpa.it/nqcontent.cfm?a_id=21594	Materiali utili
Indagine sugli allevamenti da latte emiliani (parte 2) - Newsletter n.3	http://milkgas.crpa.it/nqcontent.cfm?a_id=21842	Materiali utili
Un articolo su Agrimpresa spiega Milkgas	http://milkgas.crpa.it/nqcontent.cfm?a_id=21571	Materiali utili
Un approfondimento del progetto Milkgas - Newsletter n. 4	http://milkgas.crpa.it/nqcontent.cfm?a_id=22008	Materiali utili
Milkgas in TV	http://milkgas.crpa.it/nqcontent.cfm?a_id=22025&tt=t_bt_app1_www	Materiali utili