

“Vallerani System s.r.l.” based in Marsciano (Pg), Italy, was created in 2012 by Vallerani brothers taking over the activity initiated by Venanzio Vallerani. The company owns patent No. 0001404750 of 29.11.2013 for the special plough Delfino<sup>3</sup> developed by V. Vallerani with the manufacturer Nardi SpA.

Specialized in consulting, promoting, project planning and training on the Vallerani System for the regeneration and revegetation of desertified land in semi-arid and arid areas. The company relies on the long experience and know-how acquired since 1988 - the year of fielding the first special plough Treno and Delfino - in projects in 14 countries in Africa, in the Middle and Far East, on over 200,000 hectares.

**Vallerani System s.r.l. promotes the use of the special plough Delfino<sup>3</sup> for mechanized water harvesting** in projects for:

- food security
- fight against desertification
- soil erosion reduction
- reforestation
- pasture improvement
- agriculture
- crops for industrial use
- CO2 capture

Vallerani System s.r.l. in collaboration with its partners realizes:

- preliminary feasibility studies
- action planning
- technical and operational planning
- training of technical and social experts
- financial planning
- implementation of projects
- communication and promotion

The Vallerani System is object of studies, research and projects by: FAO, UNIDO, ICARDA, IFAD, CILSS, WOCAT, Governments and Cooperation Departments of different countries, NGOs and others.

To date the Vallerani System was applied in 30 projects with different implementing partners. As an example, we list some of the projects:

- (2011-2015) Marocco, UNIDO, fight against desertification and poverty reduction, 3.500ha
- (2005-present) China, Sino-Italian Cooperation Project, afforestation, 7.000ha
- (2003-2006) Burkina Faso, Niger, Chad, Sudan, Kenja, Senegal, FAO NGARA (Italian Cooperation), Acacia Project (part of the Great Green Wall), 12.000ha
- (2001-present) Burkina Faso, ONG Reach Italia, food security, 12.000ha
- (1988-2003) Niger, GTZ-GIZ, soil and water conservation, 70.000ha

