

newhey™

new

The only global solution
for milk whey



Cream



Butter



Ricotta



Protein powder

**FROM
WHEY
YOU GET**



Biogas



Electricity

Plants and technologies
to turn a problem into a profit

VALGO

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For information:

Presentation of the project *newhey* FULL EMPLOY OF MILK WHEY

VALGO ITALIA S.r.l., in close cooperation with worldwide-present partner companies worldwide, offers a range of solutions for the full exploitation of all types of milk whey from cheese or ricotta manufacturing.

We design and produce different equipments that generate high profits at low environmental impact thanks to the full exploitation of whey and scotta (lean whey) in all its parts thus eliminating costs and problems related to dairy waste.

Our standard plants can include, also individually:

- ✓ Storage and standardization of fat milk whey
- ✓ Skimming, churning and packaging of both **BUTTER** and **CREAM**
- ✓ Concentration through UF selective membranes for the separation of whey proteins
- ✓ Reverse osmosis to concentrate all the solids of milk whey
- ✓ Vacuum concentration to increase the percentage of solids of milk whey
- ✓ Refrigerated storage of the concentrate or crystallization process
- ✓ Production of **RICOTTA** (traditional, homogenized and/or pressed) from concentrate whey
- ✓ Production of **PROTEIN POWDER** type WPC 35 - 60 - 80
- ✓ Production of **WHEY POWDER**
- ✓ Storage of residue leachate with possible input of other production waste
- ✓ Treatment of anaerobic fermentation for the production of **BIOGAS**
- ✓ Co-generation for **ELECTRICITY** production
- ✓ Production of **HOT WATER** or **STEAM** by using Biogas

Turnkey installations

We can elaborate turn-key projects providing all the services related along with the general assistance on the design of the structure and the support on the definition of each component of the system.

We can ensure the technological assistance for each specific phase of production