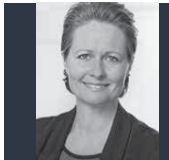


NIRAS

– from idea to realisation

Highly experienced Food and Beverage specialists are ready to boost your competitive advantage



By
**Charlotte Staack
Schlegel, Senior
Communication
Partner**

sign model that reduces financial risks for the dairy producer while executing the project efficiently.

Factory design excellence

Designing a modern, future-proof food processing facility includes several considerations; design requirements deal with the flow of goods and products right from the incoming raw material, processing lines and packaging to design of end-product stock facilities. On top, the hygienic zones layout must be designed and integrated to floor plans and staff mobility to support the product and consumer application. Last-mentioned is particularly important at factories producing ingredients for infant formula or use in pharmaceutical products. Rolf Pedersen, Expertise Director of NIRAS, adds:

- Our experience is probably our biggest asset. The fact that we have made factory designs for all kind of dairy products and know exactly how to incorporate both financial, technical, and hygienic aspects to the design of factories, enables dairy producers to realise ideas at competitive conditions.

The difference a dynamic master plan makes

A modern facility design includes a master plan for production expansion with minimal interruption of production. More complex businesses typically with multiple production sites can benefit from developing a dynamic master plan. Such a plan matches long-term sales forecasts with production capacity at several sites and enables producers to optimise production and distribu-

When time is of the essence

Often considered to be relatively conservative, the dairy industry develops rapidly. Consumer trends, demographic developments, new products and technologies are some of the important drivers of the industry dynamics. Dairy companies are under constant pressure to get competitive edges throughout the entire value chain. Market Director Morten Aae Olander of NIRAS explains:

-Sometimes time-to-market is the most dominant factor in a project, and our proven design methodology streamlines project execution. We take an idea to realisation through a stage-gate de-

VMEngineering is the expert on process and packaging engineering and has its headquarters in the Netherlands. The company has 40 employees divided between their offices in the Netherlands and the UK.

NIRAS covers all disciplines as consulting engineers and has its headquarters in Denmark. The company has approximately 2,200 employees and holds offices in 21 countries with Sweden, UK and Norway being the largest ones outside Denmark. NIRAS is one of the leading advisors and engineers to the Food & Beverage industry globally.

tion. With milk as raw material, it is of utmost importance to plan production changes well ahead. A dynamic master plan helps you get an overview of milk solid balances and avoid overspending in capital investment and operational. Rolf Pedersen continues:

- A dynamic master plan essentially breaks down all costs and production capacities and help producers to maximise profit from a given milk pool.

Decades of passion for innovation

NIRAS' specialists have been involved in the design of dairy factories since 1946 and have a strong tradition of working with the industry. With the recent acquisition of the Dutch company **VMEngineering**, **NIRAS** is now



considered to be a leading consultancy engineering and advisor to the dairy industry globally.

- We have strengthened our position considerably in a very attractive market. The dairy industry is significant in the Netherlands and its neighbouring countries, and in general, the Food & Beverage industry holds great potential in the region. This potential we look forward to growing further, says Senior Vice President of **NIRAS** Thomas B. Olsen and concludes:

- Together, **NIRAS** and **VMEngineering** will be able to offer an even broader range of services, especially in the fields of process, packaging and utility engineering as well as operational optimisation within the dairy, beverage and food ingredients industry.

NIRAS' Food & Beverage team operates globally out of 51 offices in 27 countries. Main offices are situated in Denmark, the Netherlands, UK, Australia, Sweden and Norway. ■

**BOOST YOUR
COMPETITIVE
ADVANTAGE**

**ENGINEERING
CONSULTANCY FROM A TO Z**

- Project management
- Factory planning and design
- Construction management
- Process optimisation
- Digital Planning Tools
- Product development

**NIRAS' Food & Beverage News-
letter is your gateway to informa-
tion about the dairy industry. Stay
updated on the latest methods
and solutions and discover what's
new in the world of dairy.**

Subscribe via niras.com/newsletter

www.niras.com