

Oman processor plans to use:

Iceland's total fish plant

A FULLY integrated plant featuring automatic plate freezers and fish meal processing capacity is being developed by Icelandic company IceBits for a company in the Sultanate of Oman.

IceBits, which specialises in planning and facilitating the construction of small processing and meal plants which the customer then builds, says an integrated plant is something they have not been approached about before.

Ingvar Nielsson of IceBits says: "Last year, my wife and I, who runs the company with me, spent two weeks with a client in the Middle East. He asked us to work up an integrated project.

"This is to consist of automatic plate freezing for graded product and fishmeal processing for offal.

"The species to be processed is Indian oil sardine or *Sardinella longiceps*.

"It will be environmentally friendly, releasing no fluids, no

solids or smell – in short, nothing whatsoever to the harm the environment. The moisture evaporates and much of it is condensed back into clean water.

"The entire harvest is contained in the products comprising frozen blocks, meal and oil."

Ingvar Nielsson says that, although the separate concepts are nothing new, it is different to amalgamate them in one plant.

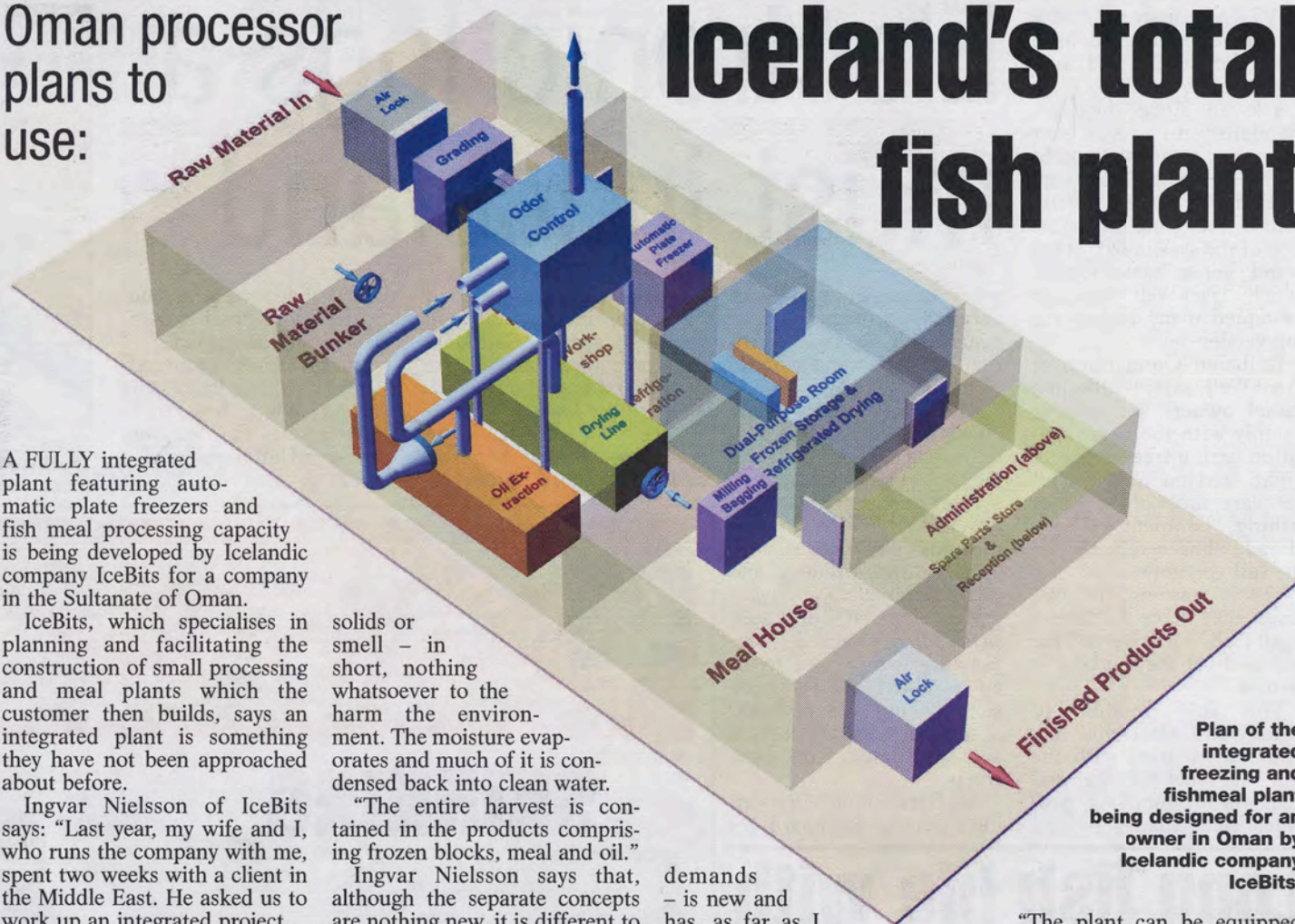
"All separate and individual concepts in this process have been done before, here in Iceland and elsewhere in the world.

"However, the integrated facility – with the complete utilisation and strict environmental

demands – is new and has, as far as I know, not been applied before."

IceBits has also recently launched its Ultima 80 LF fish meal plant.

Ingvar Nielsson says: "This consists of an oil extraction line and a LeanFish three direct-fired drying line.



Plan of the integrated freezing and fishmeal plant being designed for an owner in Oman by Icelandic company IceBits.

"The plant can be equipped with a steam dryer, in which case the name changes to Ultima 80 SD."

In continuous operation, both types will process into meal 80 tonnes in 24 hours or 3.33 tonnes an hour of all species – including offal from processing and by-catch from fishing.