# Nireus Aquaculture S.A.

## **European Midcap Event**





# Why invest in Nireus?

Nireus Aquaculture S.A. - Celebrating 20 Years (1988 – 2008)

#### Strong growth prospects

- Leader in the seabass and seabream fish farming industry
- Substantial organic growth potential
- Integrated producer with exclusive know-how and technology

# Well positioned to participate in further industry consolidation

- Know the Mediterranean fish farming business
- Proven success in absorption of other companies

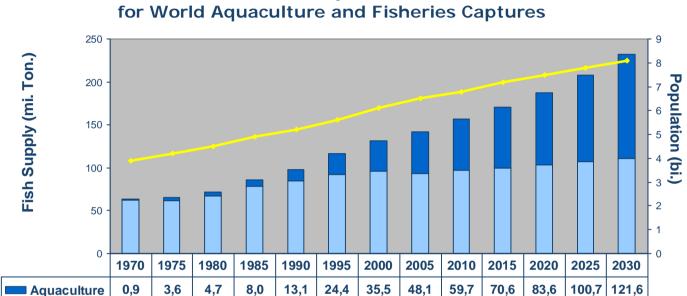
#### Attractive Industry Fundamentals

- Very attractive industry outlook long-term
- Recession resistant sector
- Industry will become more attractive from on-going consolidation
- Nireus well positioned to capture opportunities in the global industry



# Aquaculture: The new "Megatrend"

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**FAO Projection** 

**U.S. Projected Consumption** Growth. 2000-2020 Citrus Fruit 26 Fish 20 Vegetables 17 Dairy 16 Sugar 15 Beef 8 **Processed Potatoes** □ Percent Change in Quantities Consumed, 2000 2020

FAO: In the next 20 years aquaculture will cover more than 50% of the growing demand for seafood (fisheries circular no. 1001)

92,3

5,6

95,62

6,1

93,26

6,5

96,57

6,8

100

7,2

103,6

7,5

107,2

7,8

111

8,1

<u>USDA:</u> Fish consumption is expected to grow by 26% till  $2020 - 2^{nd}$  largest increase in the food sector (<u>USDA</u>.

ERS, 2003

Captures

**Population** 

62,82

3,9

61,86 67,22

4,5

4,2

78,24

4,9

84,62

5,2



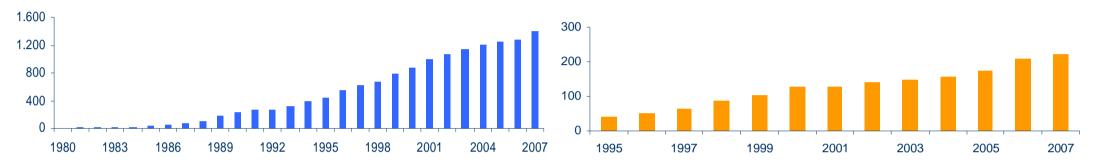


# Med fish farming versus salmon farming

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#### Production of Salmon (th. ton.)

#### Production of Med Farming (th. ton.)



Data Sources: FEAP, Kontali

The advantages of the multi-species cultivation in sea bass and sea bream farming

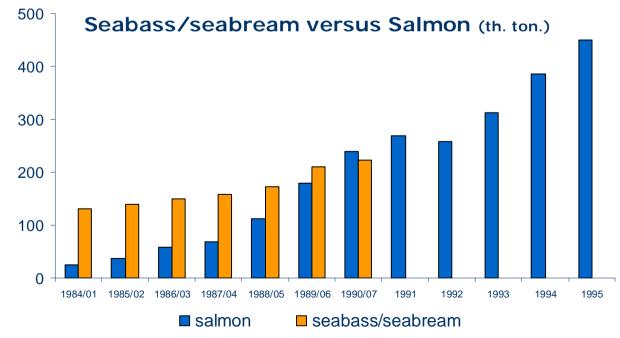
üProfit stability

Spread of the risk from price fluctuations üReduced capital needs

Transfer and sharing of technological and biological advances

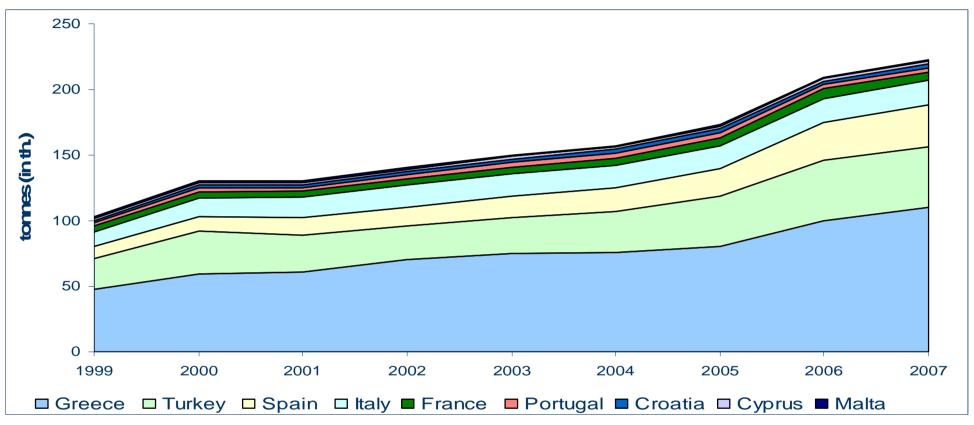
ülmproved operating margins

Marketing synergies

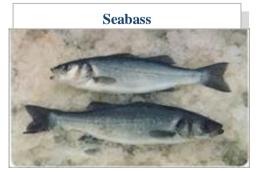




# Med fish farming - volume evolution



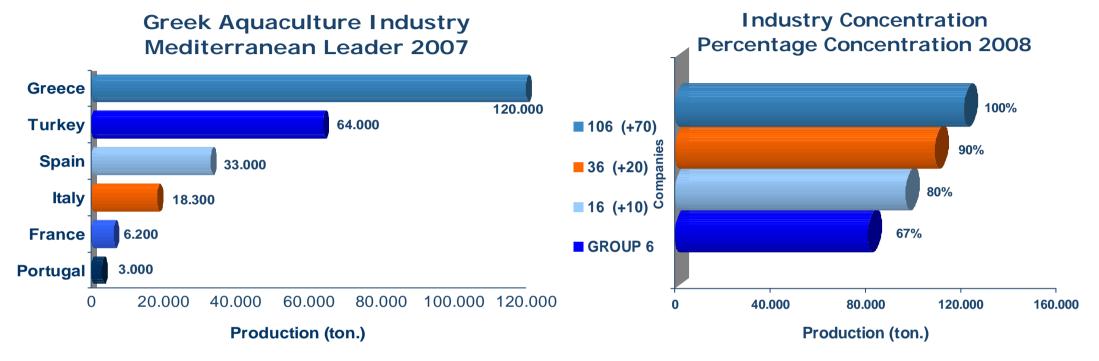


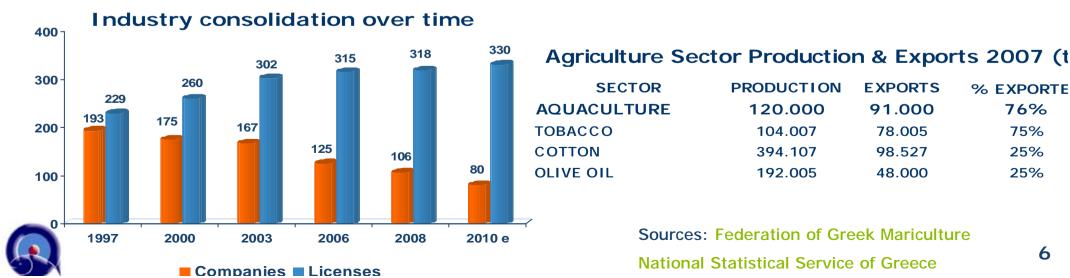




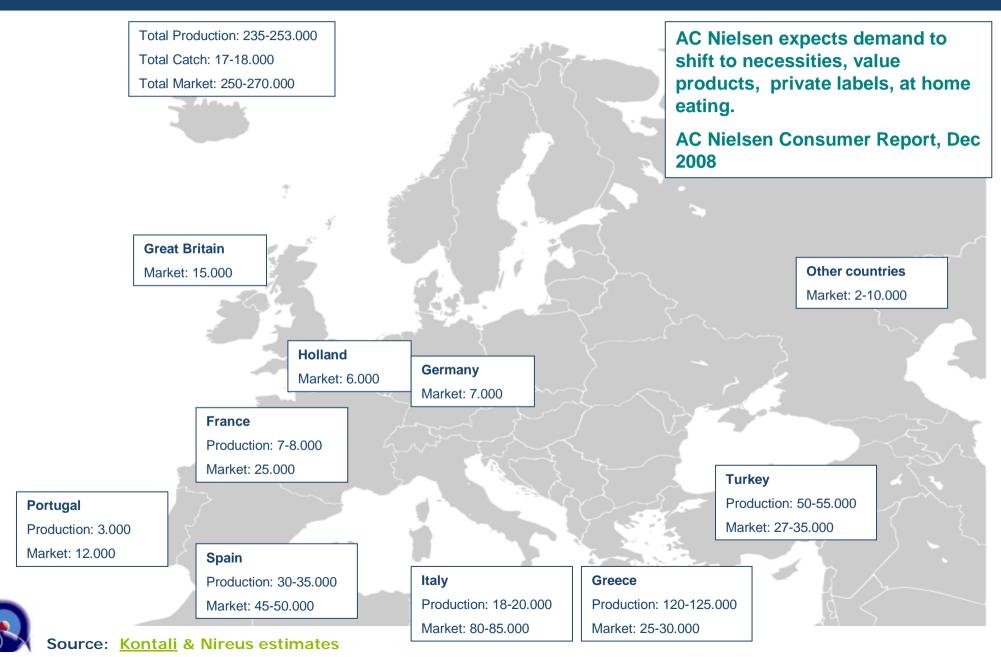


## Greece - Leader in seabass / seabream farming





## The Market in 2007 (tonnes)



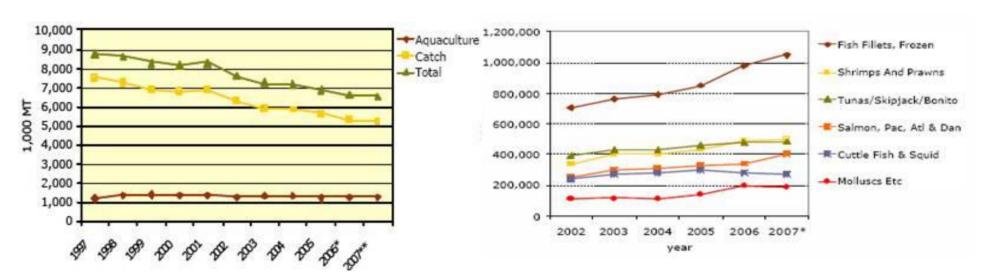
# And the outlook: rising demand for Med fish

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- § EU is a net importer for fish between 2002 and 2007 the fish trade deficit grew by 40% (+1 mi. MT)
- § Growth in European aquaculture will mainly come from the Mediterranean countries (seabass and seabream)
- § Greece is the fastest growing producer country in the EU

#### Total Fish Production EU, 2002 - 2007

#### EU Fish Imports per Specie, 2002-2007



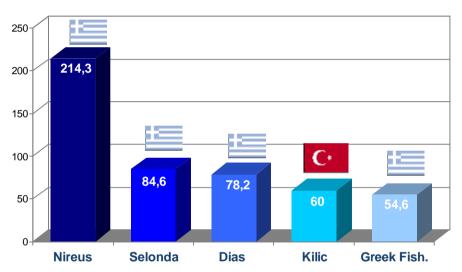
Source: USDA GAIN report Marketing Fish the EU, Report NL8009, May 2008



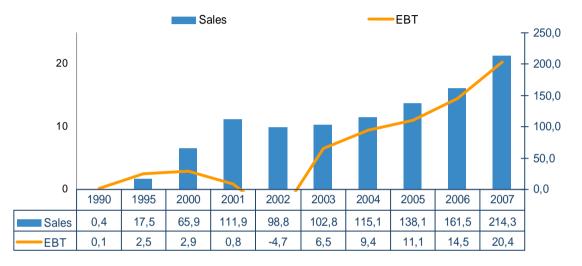
## Nireus: the leader in Mediterranean fish farming

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# The 5 largest companies in Med. fish farming 2007 FY sales (mi. €)



Nireus Evolution of sales 1990-2007 (mi. €)



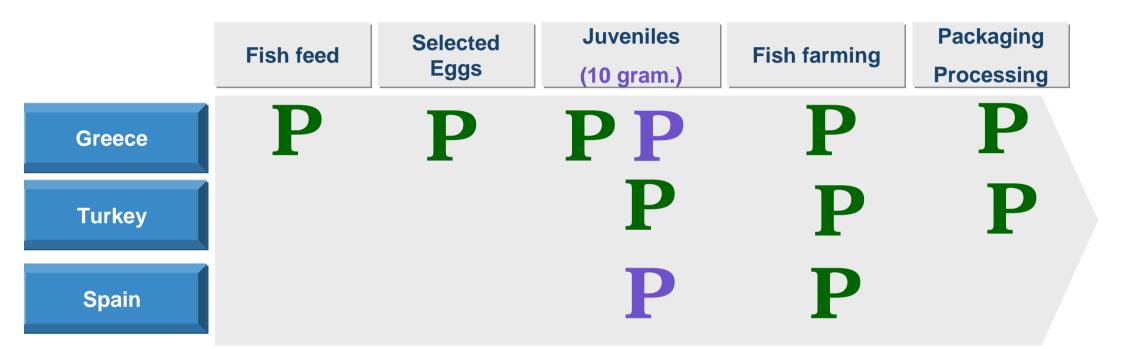
Sales of Kilic are Nireus' estimates

- ü Nireus holds the dominant position in both the domestic and the global market
  - o 20% of Greek and 10% of world market in fish production of Mediterranean species
  - o 50% of Greek and 25% of world in juvenile production



#### **An International Producer**

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#### Vertically integrated operations ensure:

- Completely safe production conditions => less risk from disease
- Absolute control over the production cycle => lower cost



## Controlling the value chain

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#### Fish Farming

64 farming units



#### Processing

processing

centers

16 packaging centers



#### Distribution

Distribution in more than 40 countries



#### **PLUS**

6

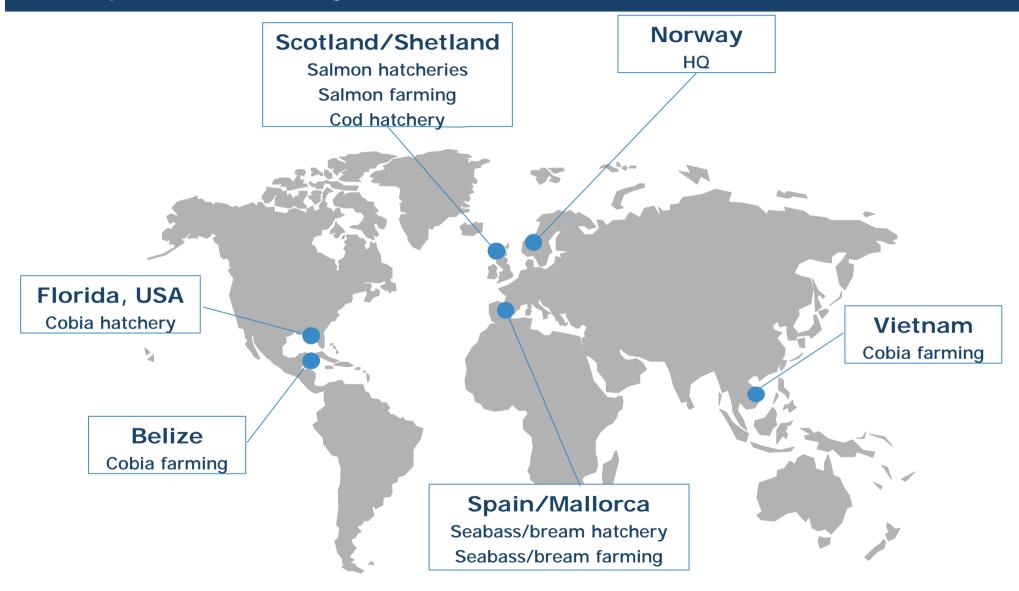
hatchery

units

- 3 inland pre-fattening units producing 10 gram juveniles
- 1 R&D center and 1 Genetic center
- 2 Factories producing 80.000 tons of fish feed free of gmo
- 1 company producing fish cages & special nets



# The largest shareholder (30,2%) in Marine Farms





# Nireus has a strong product mix

Seabass and Seabream
Fresh and frozen, whole, gutted, fillets





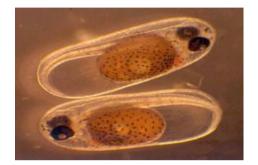








**Eggs** 







**Juveniles** 



**Bluefin Tuna** 







# Selling to the largest markets in Europe

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# **METRO** Group

The Spirit of Commerce

















Modelo Continente, SGPS, SA



dove c'è ristorazione



## Exporting 88% of produced fish to 40 countries (2008)



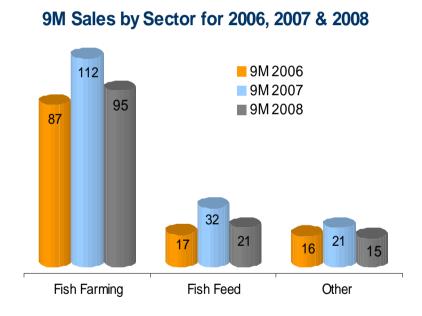
- **ü** Nireus is the largest exporter in the Greek food sector
- ü Every week we ship 500 tons of seabass and seabream( = 1,25 million 400 gr. fish )

# Growth comes from product diversification

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#### Sales by Sector

#### In Fish Farming



	9M 2006	9M 2007	9M 2008	2007	2008 e
Fish (thou. ton.)	15.9	20.1	18.2	26.4	24
Aver. Price (€/kg)	4.93	4.85	4.55	4.75	4.44
Fish Feed (thou. ton.)	19.5	33.2	21.1	45.3	28
Aver. Price (€/kg)	0.89	0.94	0.93	0.94	0.95
Juveniles (mi. pieces)	65.8	74.2	58.5	77	62
Aver. Price (per piece)	0.20	0.20	0.22	0.20	0.21

A diversified product mix

- ü spreads the risks of price fluctuations
- ü improves operating margins through marketing synergies



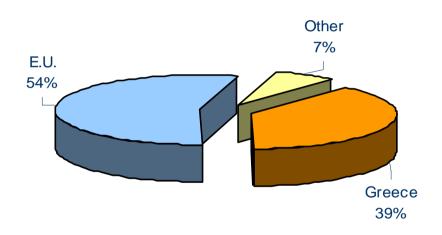
## From exports

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#### **Exports Evolution 2002-2008e**

# 100% 80% 60% 40% 2002 2003 2004 2005 2006 2007 2008 (e)

#### 9M 2008 Sales Breakdown



- q Nireus sells its products globally to 40+ countries
- q Exports have consistently outperformed domestic sales

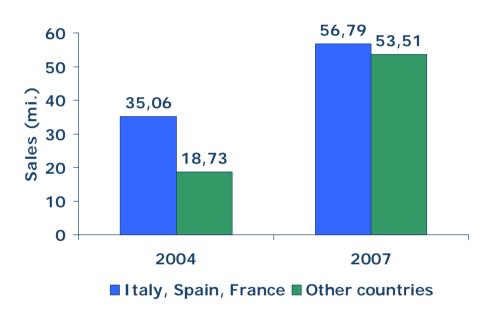




# From the opening of new markets

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#### **Exports Evolution**





Export Growth has come from the opening of New Markets

2004 - 2007

Italy- Spain - France

+ 62 % in value

Other countries

+186% in value



# And from unique technological know - how

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Targets: reduction in production time by at least 15% by 2011

§Selective eggs technology is developed in

exclusive agreement with the Norwegian

**Institute Akvaforsk** 

**§Unique in Mediterranean fish farming** 

**§Cuts production time by 15%** 

§Inland pre-fattening reduces winter juvenile production time up to 62%



ü Transfer and sharing of technological and biological advances reduces capital needs





## **Balance Sheet**

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#### **Balance Sheet**

#### **Assets**

in mi. €	2005	2006	2007	9M 2007	9M 2008
Total non-current	110,77	150,95	221,13	221,21	246,23
Total current	150,48	188,30	308,56	283,80	268,41
Total assets	261,25	339,24	529,69	505,00	514,65

#### **Equity and liabilities**

in mi. €	2005	2006	2007	9M 2007	9M 2008
Total shareholders' equity and					
minority interests	110,23	122,19	176,12	178,25	170,23
Total non-current liabilities	72,48	101,71	151,55	135,08	214,07
Total current liabilities	78,54	115,34	202,02	191,67	130,34
Total liabilities	151,02	217,05	353,57	326,75	344,42
Total equity and liabilities	261,25	339,24	529,69	505,00	514,65









## **Income Statement**

Nireus Aquaculture S.A. - Celebrating 20 Years (1988 – 2008)

#### **Income Statement**

in mi. €	2005	2006	2007	9M 2007	9M 2008
Biological Sales	75,11	99,02	134,24	105,0	95,6
Non-Biological Sales	63,00	62,47	80,02	60,4	35,8
Total Sales	138,11	161,48	214,26	165,4	131,4
Gain from Biological	75,06	123,86	159,58	124,61	125,57
EBITDA	19,65	27,26	37,84	31,26	19,75
EBIT Operating	14,49	20,15	30,04	26,50	14,46
EBT	11,17	14,54	20,35	19,07	6,45
Tax	-3,44	-5,61	-5,42	4,41	5,02
EAT	7,73	8,92	14,93	14,67	1,42
Majority interest	7,46	9,05	10,36	10,74	0,45
Minority interest	0,27	-0,12	4,57	3,93	0,98
Earnings per share	0,193	0,224	0,225	0,2419	0,0087



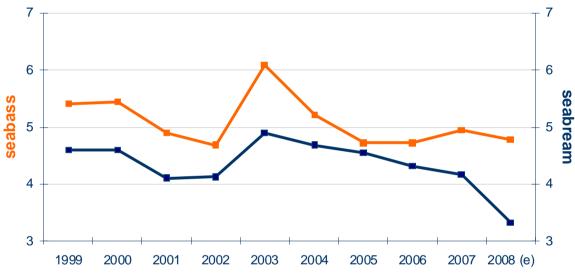




## 2008 - 2009: a challenging period

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# European ex-farm prices for seabass and seabream - source FEAP



Development of sea bream prices versus volume and GDP growth

	EU GDP growth	Greece GDP growth	%∆ volume	%∆ price
1998-1999	3,04%	3,42%	95%	-24%
1999-2000	3,94%	4,48%	24%	0%
2000-2001	2,10%	4,49%	5%	-11%
2001-2002	1,40%	3,90%	1%	0%
2002-2003	1,54%	5,04%	11%	19%
2003-2004	2,68%	4,58%	1%	-4%
2004-2005	2,19%	3,83%	5%	-3%
2005-2006	3,33%	4,19%	27%	-5%
2006-2007	3,11%	4,00%	-12%	-4%
2007-2008 E	1,65%	3,16%	42%	-20%

Volume average growth

20%

Source: IMF, FEAP Report on Mediterranean Aquaculture, November 2008

Sea bream prices have a strong negative correlation with high volume growth and a weaker link with GDP growth.

- A 42% annual increase in the production of sea bream depressed prices and
  - -drove the sector into its most challenging period since its inception
  - -hampered growth
  - -led to on-going industry consolidation.



#### We took measures to combat the crisis

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#### That affected sales and profits

- Stricter credit terms on industrial sales (sales of juveniles and fish feed to small farmers)
- Reduction of sales of fish merchandise as they were unprofitable (because of the low price of sea bream)

#### And reduced cost

- Merged with subsidiaries
- Focused on exports and core operations
- Restructured debt

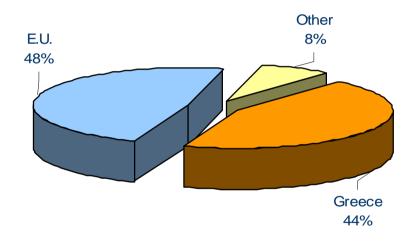


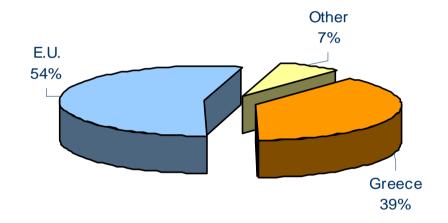
## We increased exports' share

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9M 2007 Sales Breakdown

9M 2008 Sales Breakdown





Exports amounted to 61% of total sales versus 56% a year ago

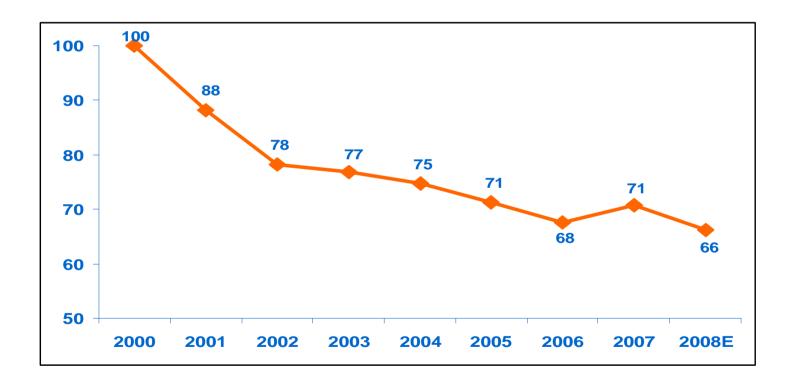


## Decreased production cost

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## Despite rising costs in raw materials

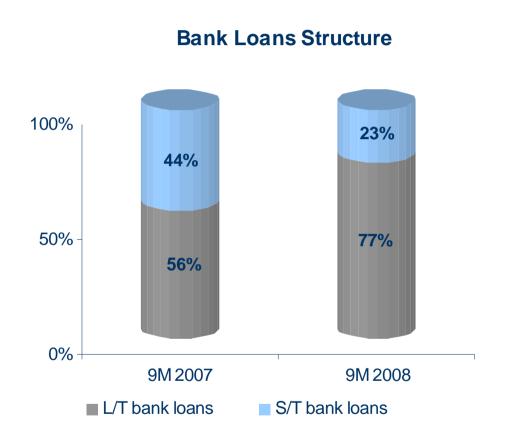
Inflation-adjusted cost - production of whole fish (base year 2000=100)





### Restructured bank debt

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#### L/T Debt structure

- 20 mi. € convertible bond of
  5 yr duration (obtained Jul
  2007)
- 90 mi. € joint bond of 7 yr duration (obtained Jan 2008)& 2 years grace period
- 50 mi. € government
  guaranteed loan of 10 yr
  duration (obtained Aug 2007)
  the Greek state also pays ½
  of the interest 28 months
  grace period
- 35 mi. € loans of 15 year duration (obtained in 2005 and 2006) provided for SFI by the banks that are also its major shareholders

Principal repayment on L/T debt totals 20.2 mi € for the next 2 years



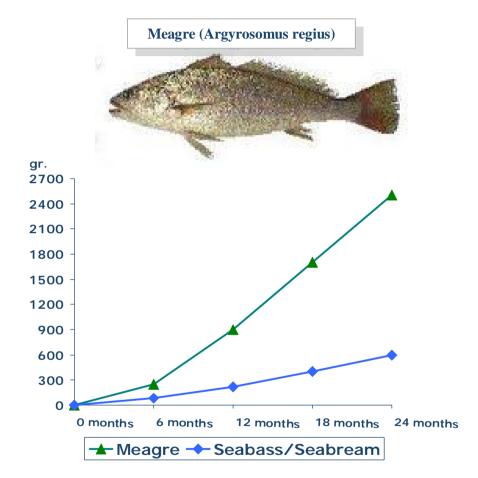
We hedge 76.5 mi. € for interest rate increases

## Put a new fish species in our nets

- Meagre is a fast growing species
- -Reaches 800-1200 gr. in 1 year
- -Good quality flesh, low in lipids with a high proportion of poyunsaturated fatty acids.
- -Size appropriate for filleting and smoking
- •Nireus brings extensive experience into meagre cultivation
- -Ongrowing similar to sea bass and sea bream
- •First sale from Nireus is expected to take place in Xmas 2009.

FEAP: Meagre production (ton.)

	2004	2005	2006	2007	2008
France	200	300	300	235	265
Italy		320	280	335	350
Spain	11	273	845	810	1620

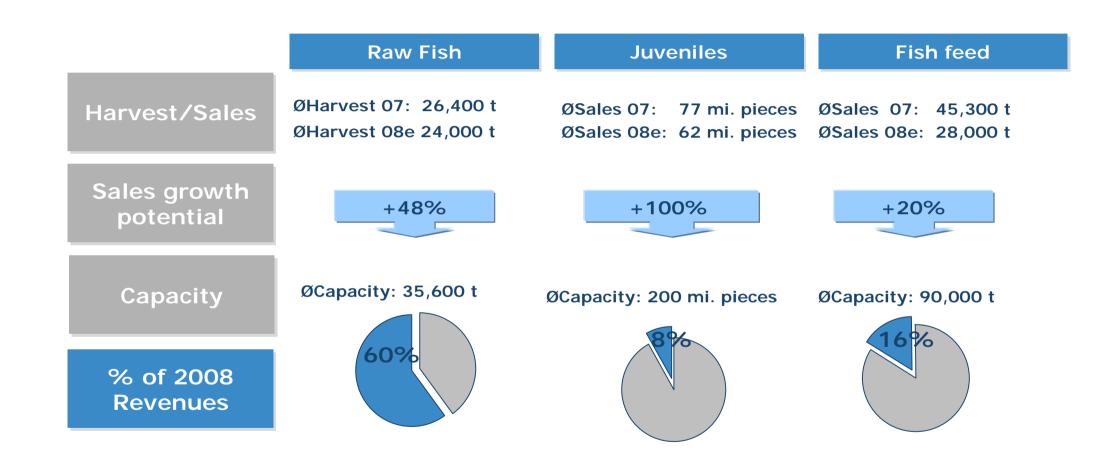






# And kept our significant growth potential

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üUtilization of full capacity potential does not require significant CAPEX expenditure



# **Strategy for 2009-2010**

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#### **Market Focus:**

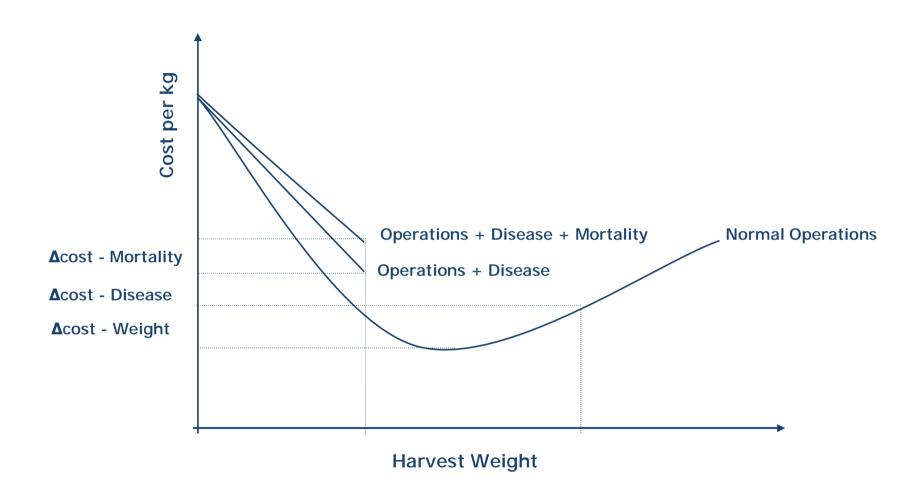
- oOpen new markets for large fish
- oDevelop and sell VAP products
- oNew logistics center in Milan
- oSales/distribution offices in Italy, France, Spain
- oDiversify in new fish-related products

### **Operation Focus:**

- oSwap licenses consolidate operations into efficient, fully integrated farming clusters
- oLower capex



# Appendix: Cost dynamics in fish farming



- Ø Vertical structure ensures less risk from disease
- Ø The 10-gr juvenile pre-fattening units target reduction in mortality



#### Calculation of the fair value of biomass

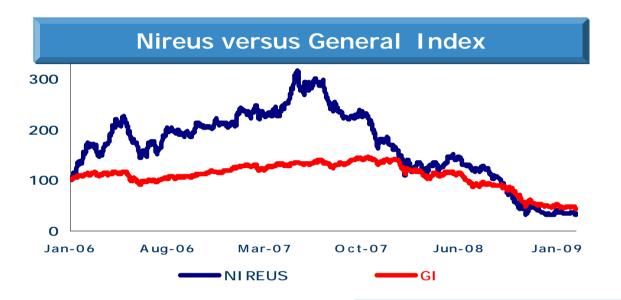
- Fish farming companies are required to calculate and report the fair value of their biomass (IAS 41).
- The fair value of the biomass is calculated as volume (kg) x market price, net of harvesting and transportation cost, and is adjusted for the part that is not ready to harvest.
- The key drivers are the volume and weight of the biomass and the market price at the time of the calculation
- The ready to harvest part of the biomass is reported in the B.S. as a current asset and the not ready to harvest as a non-current asset.
- Sales in the I.S. are separated into biological and non-biological.
- Biological sales represent sales of juveniles and fish (raw and processed) produced by the company.
- Non- biological sales represent the sales of the fish/juveniles produced by others, the sales of fish feed, equipment, and other products.

Fair value of biomass (B.S.)	Volume x Price
Key Drivers	Δ Volume Δ Price
Biological Sales	The sales of fish/juveniles produced by the company – to include processed fish
Non-biological sales	The sales of fish/juveniles produced by others, fish feed, nets, other products
Total Sales	Biological + Non-biological

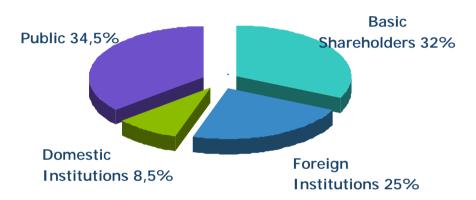


## **Stock Market Performance**

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#### **Shareholders structure**



#### **Overview of Nireus Stock**

0,56
63,6
35,6
2,53
0,49
NIR:GA
NI Rr.AT
NHP
Agriculture & Fisheries
GD, FTSEA, FTSEI,
EPS 50, DTP, SAGD



#### Communication

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