

Euroland food s.a



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Document ID: ?????????????????????????????? 2012 -1-23 (Version 2. 6. 0 B uild The protectedpdf technology is © Copyright 2006 Vitrium Systems Inc. All Rights Reserved. Patents Pending. UVA-F-1356 Version 1. 1 EUROLAND FOODS S. A.

In early January 2001, the senior management committee of Euroland Foods was to meet to draw up the firm's capital budget for the new year. Up for consideration were 11 major projects that totaled more than (euro) EUR316 million. Unfortunately, the board of directors had imposed a spending limit on capital projects of only EUR120 million; even so, investment at that rate would represent a major increase in the firm's current asset base of EUR965 million. Thus, the challenge for the senior managers of Euroland Foods was to allocate funds among a range of compelling projects: new-product introduction, acquisition, market expansion, efficiency improvements, preventive maintenance, safety, and pollution control. The Company Euroland Foods, headquartered in Brussels, Belgium, was a multinational producer of high-quality ice cream, yogurt, bottled water, and fruit juices. Its products were sold throughout Scandinavia, Britain, Belgium, the Netherlands, Luxembourg, western Germany, and northern France. (See Exhibit 1 for a map of the company's marketing region.) The company was founded in 1924 by Theo Verdin, a Belgian farmer, as an offshoot of his dairy business. Through his keen attention to product development and shrewd marketing, the business grew steadily over the years. The company went public in 1979, and, by 1993, was listed for trading on the London, Frankfurt, and Brussels exchanges. In 2000, Euroland Foods had sales of almost EUR1.

of management wanted to expand the company's market presence and introduce more new products to boost sales. Those managers hoped that increased market presence and sales would improve the company's market value. The company's stock was currently at 14 times earnings, just below book value. This price/earnings ratio was below the trading multiples of comparable companies, and it gave little value to the company's brands.

Resource Allocation The capital budget at Euroland Foods was prepared annually by a committee of senior managers, who then presented it for approval to the board of directors. The committee consisted of five managing directors, the president directeur-general (PDG), and the finance director. Typically, the PDG solicited investment proposals from the managing directors.

The proposals included a brief project description, a financial analysis, and a discussion of strategic or other qualitative considerations. As a matter of policy, investment proposals at Euroland Foods were subject to two financial tests: payback and internal rate of return (IRR). The tests, or hurdles, had been established in 1999 by the management committee and varied according to the type of project as shown in Table 1. Table 1. Project hurdles.

Minimum Acceptable IRR	Maximum Acceptable Payback Years	Type of Project
12%	6 years	1. New product or new markets
10%	5 years	2. Product or market extension
8%	4 years	3. Efficiency improvements
No test	No test	4. Safety or environmental

In January 2001, the estimated weighted-average cost of capital (WACC) for Euroland Foods was 10.6%. In describing the capital-budgeting process, the finance director, Trudi Lauf, said: We use the sliding

at a recent board meeting: Restoring some strength to the right-hand side of the balance sheet should now be a first priority. Any expansion of assets should be financed from the cash flow after debt amortization until the debt ratio returns to a more prudent level. If there are crucial investments that cannot be funded this way, then we should cut the dividend!

At a price-to-earnings ratio of 14 times, shares of Euroland Foods common stock were priced below the average multiples of peer companies and the average multiples of all companies on the exchanges where Euroland Foods was traded. This was attributable to the recent price wars, which had suppressed the company's profitability, and to the well-known recent failure of the company to seize significant market share with a new product line of flavored mineral water. Since January 2000, all the major securities houses had been issuing 'sell' recommendations to investors in Euroland Foods shares.

Venus Asset Management had quietly accumulated shares during this period, however, in the expectation of a turnaround in the firm's performance. At the most recent board meeting, the senior managing director of Venus gave a presentation, in which he said: Cutting the dividend is unthinkable, as it would signal a lack of faith in your own future. Selling new shares of stock at this depressed price level is also unthinkable, as it would impose unacceptable dilution on your current shareholders. Your equity investors expect an improvement in performance. If that improvement is not forthcoming, or worse, if investors' hopes are dashed, your shares might fall into the hands of raiders like Carlo de Benedetti or the Flick brothers. 1 1 De Benedetti of Milan and the Flick brothers of Munich were leaders of

Purchasing, age 59. Managed production operations at the company? s 14 plants. Engineer by training. Tough negotiator, especially with unions and suppliers. A fanatic about production-cost control. Had voiced doubts about the sincerity of creditors? and investors? commitment to the firm. Marco Ponti (Italian), managing director of Sales, age 45. Oversaw the field sales force of 250 representatives and planned changes in geographical sales coverage.

The most vocal proponent of rapid expansion on the senior-management committee. Saw several opportunities for ways to improve geographical positioning. Hired from Unilever in 1993 to revitalize the sales organization, which he successfully accomplished. Fabienne Morin (French), managing director for Marketing, age 41. Responsible for marketing research, new-product development, advertising, and in general, brand management. The primary advocate of the recent price war, which, although financially difficult, realized solid gains in market share. Perceived a ? window of opportunity? or product and market expansion and tended to support growth-oriented projects. Nigel Humbolt (British), managing director for Strategic Planning, age 47. Hired two years previously from a well-known consulting firm to set up a strategic planning

staff ?????????? ?????????????????????????????? ?????????? ????? ??? ?????????????? ?? ??? ?????????????? ?? ?????????? ??????? ??????? ?????????????? ??? ?????????????? ?????? ??? ??? ?? ?? ????? -5- UVA-F-1356 for Euroland Foods. Known for asking difficult and challenging questions about Euroland? s core business, its maturity, and profitability. Supported initiatives aimed at growth and market share.

Had presented the most aggressive proposals in 2000, none of which were accepted. Becoming frustrated with what he perceived to be his lack of influence in the organization. The Expenditure Proposals The forthcoming meeting would entertain the following proposals in Table 2: Table 2. Project proposals. Project Expenditure (euro millions) Sponsoring Manager

Project	Expenditure (euro millions)	Sponsoring Manager
1. Replacement and expansion of the truck fleet	33	Klink, distribution
2. A new plant	45	Leyden, production
3. Expansion of a plant	15	Leyden, production
4. Development and roll-out of snack foods	27	Morin, marketing
5. Plant automation and conveyor systems	21	Leyden, production
6. Effluent-water treatment at four plants	6	Leyden, production
7. Market expansion southward	30	Ponti, sales
8. Market expansion eastward	30	Ponti, sales
9. Development and introduction of new artificially sweetened yogurt and ice cream	27	Morin, marketing
10. Networked, computer-based inventory control system for warehouses and field representatives	22	5 Klink, distribution
11. Acquisition of a leading schnapps brand and associated facilities	60	Humbolt, strategic planning

1. Replacement and expansion of the truck fleet: Heinz Klink proposed to purchase 100 new refrigerated tractor-trailer trucks, 50 each in 2001 and 2002.

By doing so, the company could sell 60 old, fully depreciated trucks over the two years for a total of EUR4.05 million. The purchase would expand the fleet by 40 trucks within two years. Each of the new trailers would be larger than the old trailers and afforded a 15% increase in cubic meters of goods hauled on each trip. The new tractors would also be more fuel- and maintenance-efficient. The increase in the number of trucks would permit more flexible scheduling and more efficient routing and servicing of the fleet

The cost of that plant would be EUR37.5 million and would entail EUR7.5 million for working capital. The EUR21 million worth of equipment would be amortized over seven years, and the plant over ten years.

Through an increase in sales and depreciation and the decrease in delivery costs, the plant was expected to yield after-tax cash flows totaling EUR35.6 million and an IRR of 11.3% over the next 10 years. This project would be classified as a market extension. 3. Expansion of a plant: In addition to the need for greater production capacity in Euroland Foods' s southeastern region, its Nuremberg, Germany, plant had reached full capacity. This situation made the scheduling of routine equipment maintenance difficult, which, in turn, created production scheduling and deadline problems.

This plant was one of two highly automated facilities that produced the Euroland Foods' s entire line of bottled water, mineral water, and fruit juices. The Nuremberg plant supplied central and western Europe. (The other plant, near Copenhagen, Denmark, supplied the Euroland Foods northern European markets.) The Nuremberg plant capacity could be expanded by 20% for EUR15 million. The equipment (EUR10.5 million) would be depreciated over seven years, and the plant over ten years. The increased capacity was expected to result in additional production of up to EUR2.5 million a year, yielding an IRR of 11.2%. This project would be classified as a market extension. 4. Development and roll-out of snack foods: Fabienne Morin suggested that the company use the excess capacity at its Antwerp spice- and nut-processing facility to produce a line of dried fruits to be test-marketed in Belgium, Britain, and the Netherlands. She noted the strength of the Rolly brand in those countries and the success of other food and

existed of more serious injuries and lawsuits. Overall, cost savings and depreciation totaling EUR4.3 million a year for the project were expected to yield an IRR of 8.7%. This project would be classed in the efficiency category. 6. Effluent-water treatment at four plants: Euroland Foods preprocessed a variety of fresh fruits at its Melun and Strasbourg plants. One of the first stages of processing involved cleaning the fruit to remove dirt and pesticides. The dirty water was simply sent down the drain and into the Seine or Rhine Rivers. Recent European Community directives called for any wastewater containing even slight traces of poisonous chemicals to be treated at the sources, and gave companies four years to comply.

As an environmentally oriented project, this proposal fell outside the normal financial tests of project attractiveness. Leyden noted, however, that the water-treatment equipment could be purchased today for EUR6 million; he speculated that the same equipment would cost EUR15 million in four years when immediate conversion became mandatory. In the intervening time, the company would run the risks that European Community regulators would shorten the compliance time or that the company's pollution record would become public and impair the image of the company in the eyes of the consumer.

This project would be classed in the environmental category. 7 and 8. Market expansions southward and eastward: Marco Ponti recommended that the company expand its market southward to include southern France, Switzerland, Italy, and Spain, and/or eastward to include eastern Germany, Poland, Czechoslovakia, and Austria. Ponti believed the time was right to expand sales of ice cream, and perhaps yogurt, geographically. In theory,

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the company could sustain expansions in both directions simultaneously, but practically, Ponti doubted that the sales and distribution organizations could sustain both expansions at once.

Each alternative geographical expansion had its benefits and risks. If the company expanded eastward, it could reach a large population with a great appetite for frozen dairy products, but it would also face more competition from local and regional ice

cream ?????????? ?????????????????????????????? ?????????? ????? ??? ?????????????? ?? ?? ? ?????????????? ?? ?????????? ??????? ??????? ?????????????? ??? ?????????????? ?????? ??? ?

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The eastward expansion would have to be supplied from plants in Nuremberg, Strasbourg, and Hamburg. Looking southward, the tables were turned: more purchasing power and less competition but also a smaller consumer appetite for ice cream and yogurt. A southward expansion would require building consumer demand for premium-quality yogurt and ice cream. If neither of the plant proposals (proposals 2 and 3) was accepted, then the southward expansion would need to be supplied from plants in Melun, Strasbourg, and Rouen. The initial cost of either proposal was EUR30 million of working capital.

The bulk of this project's costs was expected to involve the financing of distributorships, but over the 10-year forecast period, the distributors would gradually take over the burden of carrying receivables and inventory. Both

expansion proposals assumed the rental of suitable warehouse and distribution facilities. The after-tax cash flows were expected to total EUR56.3 million for southward expansion and EUR48.8 million for eastward expansion. Marco Ponti pointed out that southward expansion meant a higher possible IRR but that moving eastward was a less risky proposition.

The projected IRRs were 21.4% and 18.8% for southern and eastern expansion, respectively. These projects would be classed in the marketextension category. 9. Development and introduction of new artificially sweetened yogurt and ice cream: Fabienne Morin noted that recent developments in the synthesis of artificial sweeteners were showing promise of significant cost savings to food and beverage producers as well as stimulating growing demand for low-calorie products. The challenge was to create the right flavor to complement or enhance the other ingredients.

For ice cream manufacturers, the difficulty lay in creating a balance that would result in the same flavor as was obtained when using natural sweeteners; artificial sweeteners might, of course, create a superior taste. In addition, EUR27 million would be needed to commercialize a yogurt line that had received promising results in laboratory tests. This cost included acquiring specialized production facilities, working capital, and the cost of the initial product introduction. The overall IRR was estimated to be 20.5%.

Morin stressed that the proposal, although highly uncertain in terms of actual results, could be viewed as a means of protecting present market share, because other high-quality icecream producers carrying out the same research might introduce these products; if the Rolly brand did not carry an

?? ???? -10- UVA-F-1356 Exhibit 1 EUROLAND FOODS S. A. Nations where Euroland Foods Competed Note: The shaded area on this map reveals the principal distribution region of Euroland? s products. Important facilities are indicated by the following figures: 1 2 3 4 5 6 7 8 9 10 Headquarters, Brussels, Belgium Plant, Antwerp, Belgium Plant, Strasbourg, France Plant, Nuremberg, Germany Plant, Hamburg, Germany

Plant, Copenhagen, Denmark Plant, Svald, Sweden Plant, Nelly-on-Mersey, England Plant, Caen, France Plant, Melun,

France ?????????? ?? ?????????? ???? ???? ?????????????? ?? ?? ? ?????????????? ?? ?????????? ??????? ??????? ?????????????? ??? ?????????????? ??????? ??? ?

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Shareholders? equity (market value) 2000 ?????????? ?? ?????????????? ???? ???? ?????????????? ?? ??? ?????????????? ?? ?????????? ??????? ??????? ???

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Acquisition (note 6) 30.00 3.00 37.50 7.50 15.00 0.00 -17.10 -11.85 4.50 5.25 6.00 6.75 7.50 10.50 11.55 -45.00 3.00 7.50 8.25 9.00 9.38 9.75 10.13 7.50 7.88 8.25 35.63 -15.00 1.88 2.25 2.63 3.00 3.38 3.75 2.25 2.25 2.25 2.25 10.88 6 4 6 5 6 5 7 6 6 4 5 6 IRR Minimum Accepted ROR Spread 7.8% 8.0% -0.2% 11.3% 10.0% 1.3% 11.2% 10.0% 1.2% 13.4% 12.0% 1.4% 8.7% 8.0% 0.7% NPV at Corp. WACC (10.6%) -2.88 1.49 0.41 3.74 NPV at Minimum ROR -0.19 2.81 0.82

Equivalent Annuity (note 2) -0.04 0.46 0.13 Year 0 1 2 3 4 5 6 7 8 9 10

Undiscounted Sum Payback (years) Maximum Payback Accepted 2.50 21.00

0.00 0.00 4.50 0.00 30.00 30.00 EXPECTED FREE CASH FLOWS (note 4) - 9.00 -21.00 -30.00 -30.00 -9.00 4.13 5.25 4.50 -9.00 4.13 6.00 5.25 4.50 4.13 6.75 6.00 4.50 4.13 7.50 6.75 6.00 4.13 8.25 7.50 6.75 4.13 9.00 8.25 7.50 4.13 9.75 9.00 8.25 10.50 9.75 9.00 11.25 10.50 9.75 12.00 11.25 29.25 7.88 56.25 48.75 22.50 4.50 22.50 0.00 45.00 15.00 -27.00 4.50 6.00 6.75 7.50 7.50 7.50 7.50 7.50 7.50 7.50 42.75 -18.00 8.25 8.25 7.50 6.00 -25.00 -30.00 7.50 13.50 16.50 19.50 22.50 25.50 28.50 31.50 88.50 198.50 5 6 5 6 3 4 5 6 21.4% 12.0% 9.4% 8.8% 12.0% 6.8% 20.5% 12.0% 8.5% 16.2% 8.0% 8.2% 27.5% 12.0% 15.5% -1.31 17.99 13.49 13.43 1.75 69.45 1.79 0.48 14.85 10.62 10.97 2.67 59.65 0.32 0.09 2.63 1.88 1.94 1.03 10.56 1

The effluent treatment program is not included in this exhibit. The equivalent annuity of a project is that level annual payment that yields a net present value equal to the NPV at the minimum required rate of return for that project. Annuity corrects for differences in duration among various projects. In ranking projects on the basis of equivalent annuity, bigger annuities create more investor wealth than smaller annuities. This reflects EUR16.5 million spent

