Smart bonding.

Routes to a sustainable future

Sustainability, renewable energy sources, bio, eco, and green are some of the latest magic words in many domains of our lives and also in the chemical industry. But what's behind these buzzwords – just a marketing campaign or more?

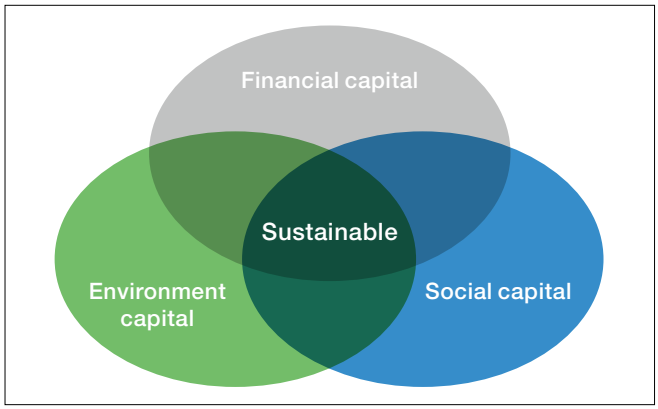
The shortform definition in the 1987 Brundtland Report of the United Nations World Commission on Environment and Development (WCED) says that sustainable development is development that addresses the needs of the current generation without jeopardizing the possibilities of future generations to satisfy their needs.

Ecologically and socially aware actions

In a society with a growing awareness of the fact that nature's resources are not available in unlimited quantities and that human capital cannot be tapped indiscriminately, the question that arises is whether an isolated focus on financial units of measurement is still acceptable. The pursuit of sustainability means that we have to change decision-making processes in such a way that economic, social, and ecological factors are taken into consideration equitably (see illustration «Triple Bottom Line»). Environmentally and socially conscious actions should have a positive impact on the financial result and at the same time be in the common interest of the community.

Elimination of solvents

Collano played a pioneering role in the replacement of solvent-based adhesive with ecologically friendly aqueous and 100% adhesive systems. 100% systems are adhesives that require neither water nor solvents as a carrier agent. This category includes Collano hot melts (classic and radiation-curing), Collano adhesive films, and Collano's reactive 1C and 2C adhesive systems.



Sustainability means placing equal emphasis on economic, social, and ecological factors (Triple Bottom Line).

Certified to ISO 14001 since 1999

Collano has been certified to the ISO 14001 environmental management standard since 1999 and was one of the first companies in the chemical industry to adopt it. Also since 1999, Collano has been publishing metrics on three success factors – People, Environment, and Capital – in its business reports (see attached 2010 report).

Collano is determined to continue its efforts to make you successful with ecologically friendly and innovative adhesives.

Would you like to know more about Collano and its sustainable activities? Contact us via sustainability@collano.com. We look forward to a sustainable and successful partnership with you.

Smart bonding. With the objective of making customers successful with intelligent bonding solutions, Collano develops and markets specialty adhesives for innovative applications in construction, composites, labels, tapes, packaging, protective adhesive systems, textiles, and foams. Collano Adhesives is passionately committed to new bonding technologies that improve quality, productivity, and reliability. Collano Adhesives is a member of the Collano Group which employs 328 persons worldwide and generates sales of CHF 118 million.

Collano Adhesives AG, CH-6203 Sempach Station
Switzerland, Phone +41 41 469 91 11, Fax +41 41 469 91 12
collano@collano.com, www.collano.com

© Collano Adhesives AG, Switzerland 06.2011

nolax

Collano

collano services

Report 2010 – People – Environment – Capital

The numbers represent the consolidated Collano Group figures.

Company statistics	2009	2010
Headcount worldwide	321	328
Number of full-time jobs (FTJ)	297	290
Apprentices	23	22
Part-time employees (< 90%)	53	50
Labor turnover rate	2.4%	6.2%
Training days, per FTJ	3.0	2.6
Absentee days* due to occupational accidents, non-occupational accidents, illness, per FTJ	4.7	5.8
Employee satisfaction**	77.0%	–
Lowest wage versus avg. executive pay	1:4.2	1:5
Pension plan coverage	104.9%	105.5%
Interest paid on pension balances***	2.5%	3.0%

* The 30-day rule is applied to absentee days.

** Collano performs an employee satisfaction survey every two years.

*** Minimum interest paid on pension balances, 2009 = 2.0%, 2010 = 2.0%

Environmental performance figures	2009	2010
Total manufacturing adhesives, dispersions, and adhesive films (t)	15 069	15 962
Total energy consumption (GJ)	27 815	32 411
Energy consumption per metric ton (GJ/t)	1.85	2.0
Total water consumption (m^3)*	9 278	8 501
CO_2 emission (t)	932	911
VOC emission (t)	6	1

GJ = Gigajoule, t = metric tons

* Not including the Buxtehude (Germany) plant which uses proprietary groundwater in the cooling circuit. Groundwater is extracted on site, used for continuous-flow cooling, and returned to the ground, unpolluted.

Key figures		2009	2010
Sales	in CHF million	110	118
	in EUR million		84.9
Cash flow	in CHF million	4.9	8.1
	in EUR million		5.8
Operating profit (EBIT)	in CHF million	0.9	6.2
	in EUR million		4.5
Equity	in % of total assets	46.2	48.1
Sales per FTJ	in CHF 1000	370	407
	in EUR 1000		293

Exchange rate: 1 EUR = CHF 1.39

Technologies

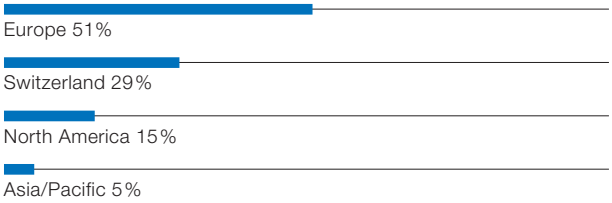
Adhesive films
– single and multilayer films

Reactive adhesives
– 1-component and 2-component adhesives

Hot melt adhesives
– classic and radiation-curable

Water-based adhesives
Water-based coating systems and binders

Sales 2010 by region



The Collano Group moves forward

Since 2009, the Collano Group has been serving its markets through three new and independent companies. By leveraging its expertise, each company systematically advances its core competencies and deliverables.

nolax | The first knowledge and innovation resource for radical system developments in bonding technology. nolax implements new concepts with surprising material and technology combinations focusing on the automotive, construction, medical, and security segments.

Collano Adhesives | The company for the refinement and distribution of Collano's specialty adhesives for industrial and commercial applications. Specialized in established products and sophisticated, customized adhesive bonds with a focus on lightweight structures/composites, technical textiles, apparel, foams, labels/tapes/packaging, and building/interiors.

Collano Services | The service provider within the Collano Group. Specialized in production, process technology, and logistics as well as complementary services in the domains of finance, accounting, human resources, and IT.

www.collanogroup.com