Novozymes & the UN Global Goals

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Rethink Tomorrow

Solutions of nature: Enzymes & Microbes



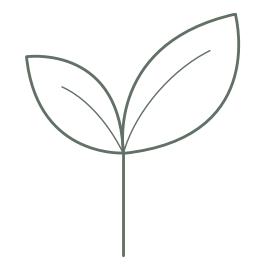


Novozymes' business & sustainability journey





2015 - ...



Manage reputation

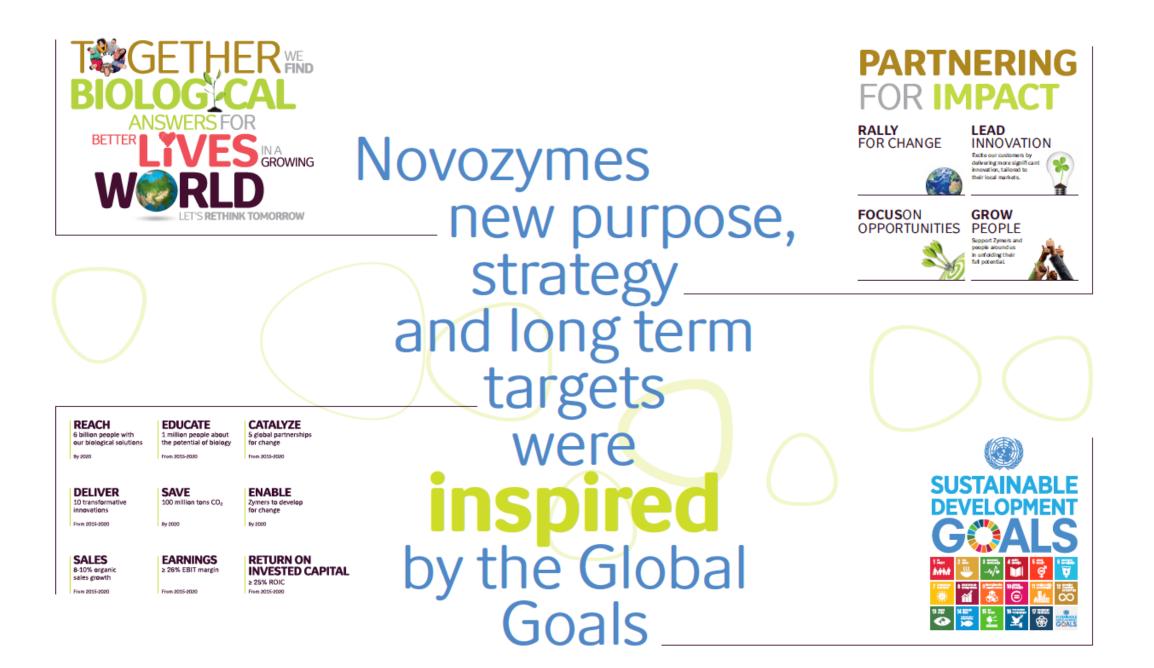
Support current business

Develop new business



10 in 10

2000 - 2008



Our early move, thought leadership and innovative approaches to align with the Global Goals got recognized





The business case for the Global Goals is massive!





Estimated annual business value from delivering solutions to the Global Goals \$12 trillion



We have developed tools to assess and connect our solutions to Global Goal impact



Goals

				idense: af AIDS, tuberculous, malasia and seglected tropical diseases and combat hepotitis, n and other comparasicable diseases		
54.)	By 20	93. mi	lace by	r one third presentate morthity from non-communicable diseases through prevention and		
	bast	Gaal	2. End	hanges, achieve food security and improved matritism and premote untainable agriculture		
3.5	Stren slowb					
3.6	By 3					
17		stuating and worting in children under 3 years of age, and address the matritional meets of adolescent gals,				
	afer	22	74	Geal 9. Build retilient infrastructure, premote inclusive and motionable industrialization and foster		
54.5	1000			intervation 9.1 Devolve quality, eshable, participable and realizer influenceurs, polyling regional and transveries		
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5.9	By 3 unit p		24	6 Goal 12. Earnee surrainable concumption and production potterns:		
		2.4		9.2 3 12.1 Inglement the 10-year framework of programmes on metainable concumption and production, all countrie		
5.4 1			per ch	 taking action, with developed constitution taking the least, taking into account the development and capabilities a developing countries 		
	is all		φ.	9.3 3 12.2 By 2030, while we the unitability management and efficient use of national resonances		
3.8	Supp dates		B ₀	9.3 a 12.5 By 2020, halve per capits global food wante at the retral and consumer levels and reduce food large slong.		
	VACCI		à,	12.5 By 2000, have per open mode in the result and consider avent and remove food interviewing gate production and opply chains, including pert-harvest lotter.		
	tie n		6	12.4 By 2020, achieve the environmentally sound management of chemicals and all wootes throughout their life crole		
	lasii meii	2.8		a accordance with speed international financeoutly, and spinficially reduce their relation to air, writer and on in order to minimum their obverte impacts on human hasht and the servicement		
5.0	Subst		1	P 12.5 By 2030, submanally reduce wave generation through prevention, reduction, recycling and rease		
	Stee			a 12.6 Encourse comparies, especially large and transmittenal companies, to adopt contamble practices and to		
	2000		ñ	untegrate continuaritably information into their reporting cycle		
-	-		10 9	9.8 1 12.7 Pressare public processes process that are notasable, in accordance with notasal policies and printities		
		2.0	A-	12.8 By 2030, ensure that people everywhere have the relevant information and avanuance for nutrianable		
				9.5 development and life-tyles as harmony with nature		
				12.n Support developing constraints to strangthen their scientific and technological capacity to move towards more surtainable patterns of concemption and production.		
			9 c 3 12b Develop and anglessent tools to monater mutuable development imports for mutuable tourism that create jobs and promotes local subme and products			
				12:c Researches auditissue finanzi desi tabriades that encenarge watwich concurates to by macring machar distribution is a conclusive with suitual concurrations, scholling by restauring trastice and planne of those hardwide mobilise, where dwy custs is solved these averagemental imparts, thing the fill area scenar to the questife and and conclusions of enceloping constrains and minimizing the possible adversa impacts on their development in manage during the effect of a different constraint.		

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Targets

Poverty	Health	Gender	
Sanitation	Food supply	Water supply	
Energy supply	Land use	Acidification	
Climate change	Nutrification	Forest	
Resources	Chemicals	Waste	

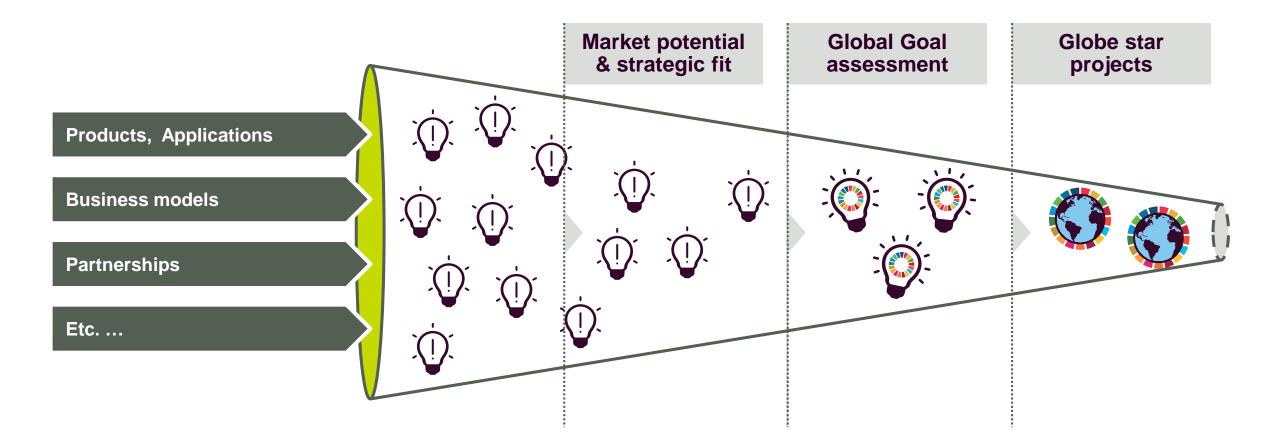
Novozymes Impact Categories

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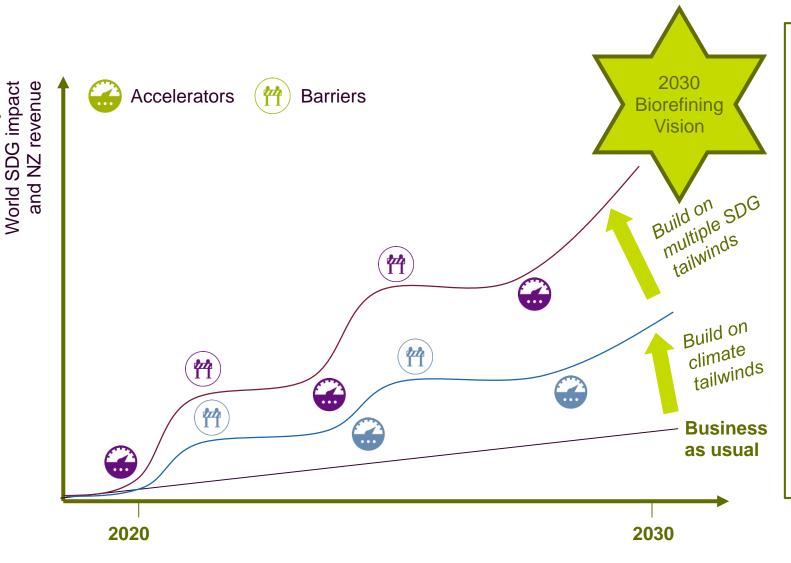
We have scanned our innovation pipeline

• to identify Global Goal high impact opportunities!





We aim to generate and leverage "SDG tailwinds" to remove barriers and mobilize accelerators



2030 Biorefining Vision *(illustrative)* Biorefining could access a **US\$75bn** market...

- Biofuels make up >20% of jet fuels
- Bio-based equivalents make up 30% of feedstock required for chemicals and materials

...While also helping meet multiple SDGs

- Bio-energy provides a complementary source for intermittent electricity generation for areas with limited renewable (sun, wind, hydropower etc) potential
- 100 million new rural jobs from bioeconomy. While
- Zero biofuels come from areas with food shortages, water or deforestation risk





Impact

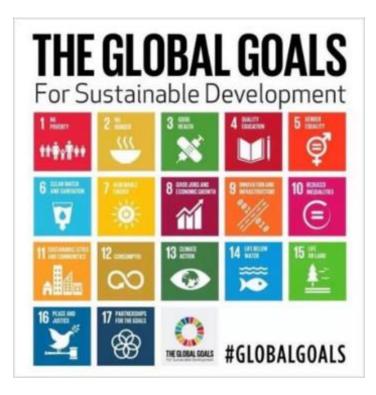
We have established an open innovation platform to fill our pipeline with SDG high impact opportunities

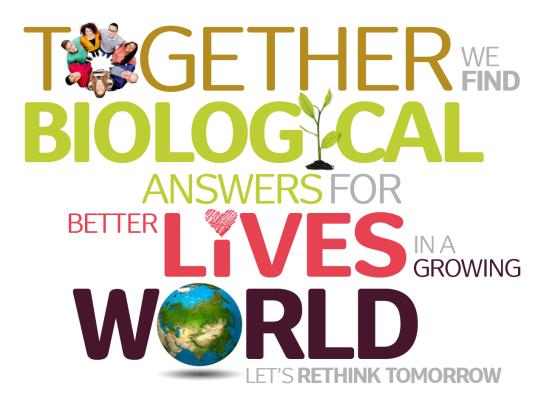
We invite innovators and collaborators to develop solutions for SDG impacts based on science and technology





THE GLOBAL 2030 DEVELOPMENT AGENDA IS ALSO NOVOZYMES AGENDA





How we maximise our impact!

How we live our purpose!





Investor engagements

Public Private Partnerships

Public Affairs work Public Affairs work action, retention & motivation

novozymes

Governance, Strategy & Targets Communications Customer engagements

Business Development

Innovation pipeline management

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Employee