

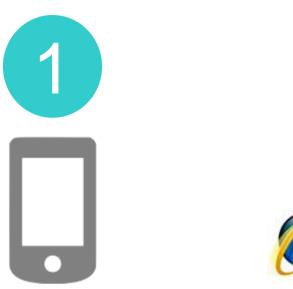


Innovation@Bayer

Mentalidad y Cultura de Innovación – Comité Universidad Empresas Estado de Santander



Before starting...



Take your phone

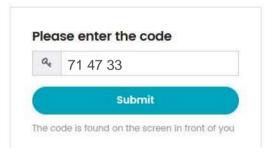




Go to: www.menti.com



Mentimeter



Enter the code: 68 30 59

Our Mission Bayer: Science For A Better Life





B A BAYER E R

Our Business Areas



Pharmaceuticals

Prescription drugs



Consumer Health

 Over-the-counter medicines, dietary supplements, dermatology products, foot care and sunscreen

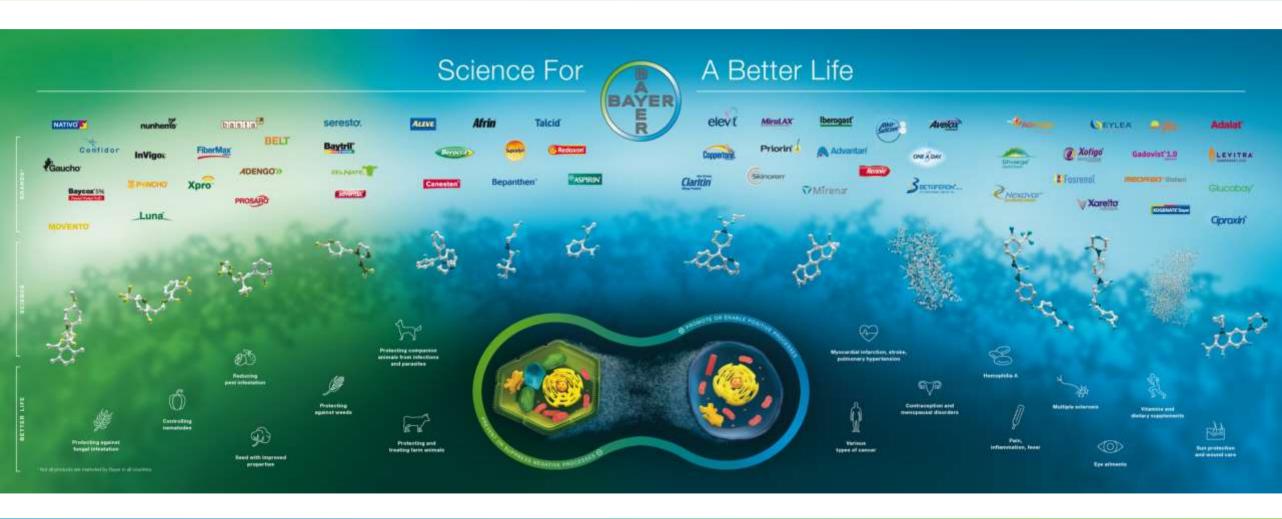


Crop Science

- Innovative crop protection and seeds
- Animal Health

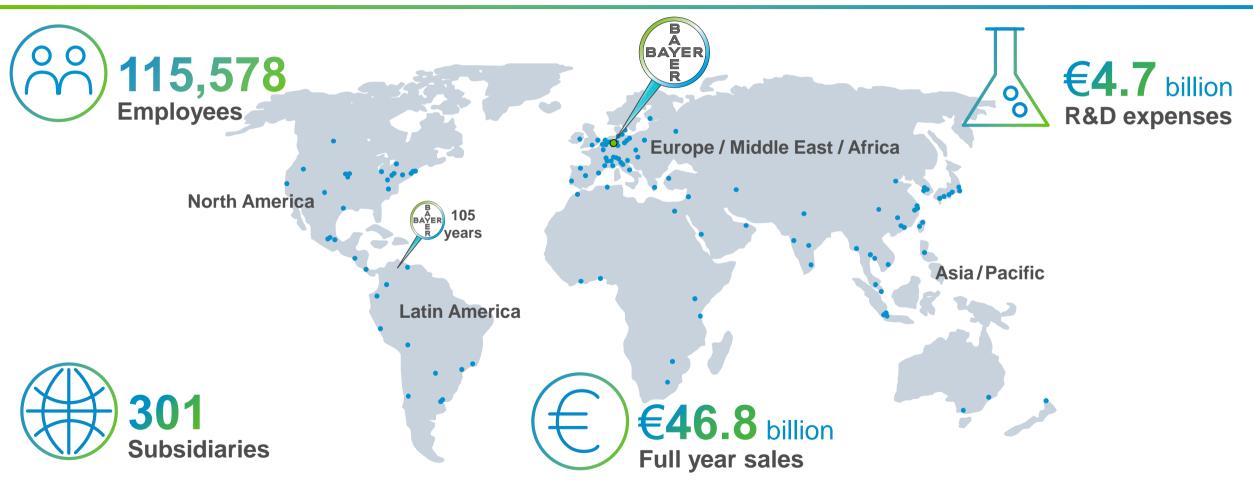
Our Products Bayer: Science For A Better Life





Key Locations / Regions





The Bayer Group is a global enterprise with companies in 78 countries.



What is Innovation for Bayer? Something NEW creating VALUE

- Innovation is owned by everyone
- We innovate in what we do

105 years of Life Sciences in Colombia



Research & Development

PHARMACEUTICALS

Clinical Trials 2016

Investment:



- Partnership with 84
 Research Centers
- **10** cities

CROP SCIENCE

La Tupia: Experimental Center for tropical Crops (Valle del Cauca)

- Investment:
 - + COP \$4,000 Mio
- 35 years = **150** annual tests
- The only global company with an Experimental Center in Colombia.



105 years of Life Sciences in Colombia



CROP SCIENCE

Barranquilla Plant



- 2nd largest plant in Latin
 America with the latest technology
- Exports to 26 countries
- Investment:

COP \$7,000 Mio

constant improvements in production lines and physical infrastructure

CROP SCIENCE

Colombo-German Science & Technology Foundation



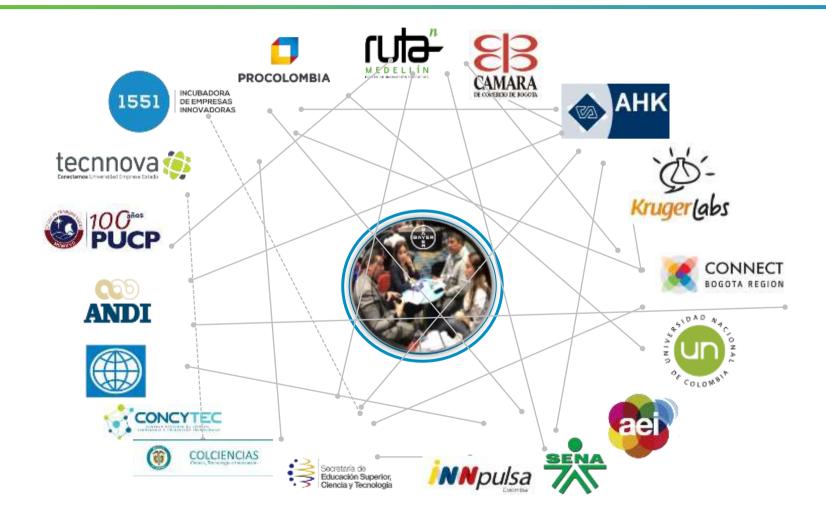
Supports transfer of applied technical knowledge, strengthening competitiveness

Colombia: founding member

 Scholarships and short term assigments for technical experts, technologists an researchers

Network of +70 institutions from the innovation and entrepreneurship ecosystem in Colombia





In Bayer we need all types of innovation to maximize our portfolio and embrace new territory



INCREMENTAL INNOVATION

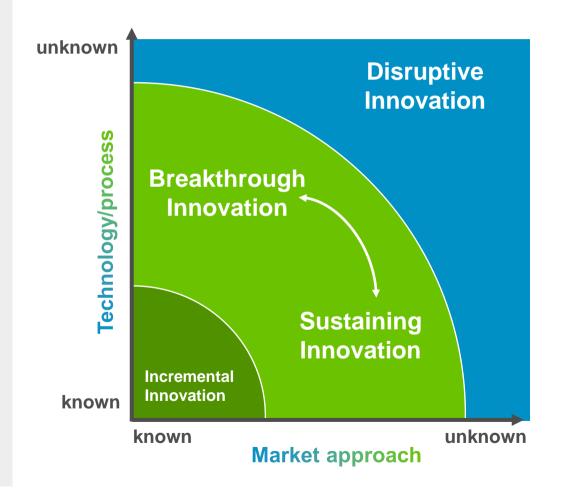
 Improve current products/processes and services to maintain the competitive position (Also strongly driven by operational excellence)

BREAKTHROUGH/SUSTAINING INNOVATION

 Achieve significant improvement of product/service/processes to get ahead of competition within current business model

DISRUPTIVE 1 INNOVATION

 Change products/services/processes or businesses in a disruptive way to create new markets



Innovating in what we do requires the right culture, mindset and capabilities





A snapshot of our Focus Behaviors to help further enhance our culture







Innovation also requires the right mindset:



We have no time

Let's make time and ask "what if?"

What's the business case?

If you believe in it, let's experiment

Innovation by consensus

Innovation by challenging the status quo

Adapting to the market

Shaping the market

Creating solutions FOR the customer

Tackling challenges WITH the customer



To help cultivate the right behaviors for future growth, we have created four innovation-enablers





WE CONNECT

Making innovation sustainable and leveraging networks to support business growth and acceleration



WE LEARN

Learning new innovation methodologies for superior business impact



WE INSPIRE

Making innovation tangible using inspirational stories and events



WE COLLABORATE

Leveraging our collective innovation potential using internal and external platforms

WE CONNECT



In the Innovation Network, we link four essential roles to drive innovation in Bayer



INNOVATION AMBASSADORS

Passionate and committed business leaders who promote innovation in their country or function

INNOVATION COMMITTEE

Senior Business Leaders who set Bayer's Innovation Agenda, govern global initiatives to drive innovation in a sustainable manner



INNOVATION COACHES

Engaged employees who connect people, provide guidance and promote local activities

"INNOVATION MANAGERS"

Full-time experts for innovation, running programs & communities, trained in specific methodologies

WELEANN

Because we understand that innovation does not happen in a day, We Learn methodologies to help our team move forward



by applying Lean Startup skills

Challenging fixedness using Systematic Inventive Thinking



Becoming increasingly agile



Sharpening our customer focus with Design Thinking



Innovation & Leadership Skills









WE INSPIRE





and engage with innovation events and stories





BreakLab – Experimentation





WE COLLABORATE

We Collaborate to leverage our Skills with digital tools and platforms





Internal fundraising platform



5 people during 5 weeks, Solving a specific challenge

5x5 Startups

Internal crowd-sourcing to solve challenges

WeSOLVE

Innovation workshops with Multiple methodologies



Ideation Sessions lead by the iPartners



One-stop platform enabling employees to innovate







Open Innovation grants to research innovative technology or business models that have the potencial to shape Bayer's future!

OPEN IDEAS

WORKSHOP

request budget >5K





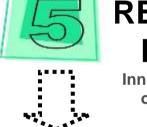














Innovative technology or business models

RECOMMENDATION

innovation ENDS HERE!

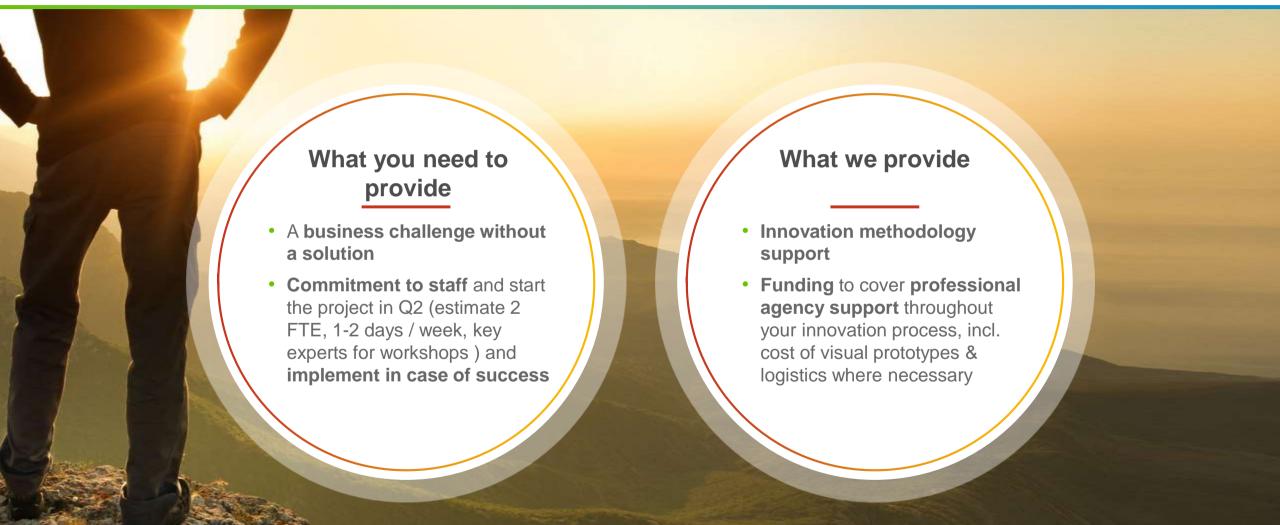
https://bayer.hype.de



Catalyst Fund

We provide resource to solve your business challenges







5x5 Startups



5 employees, full-time for 5 weeks in one place innovating a business challenge or opportunity

Get into the mind of the customer, prototype and test in just a month!

Teams aren't experts in the topic – we want different backgrounds, experiences, cultures, jobs, hobbies...

Mentors

to guide

Budget

to prototype

Space

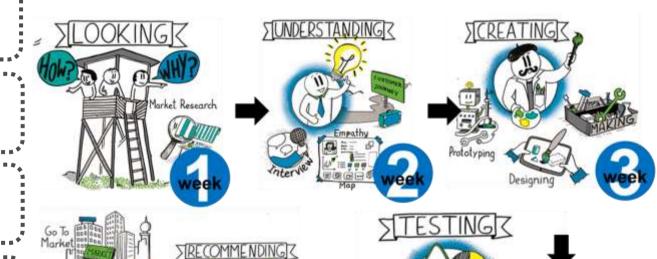
to create

Experts

to coach

Support

to disrupt

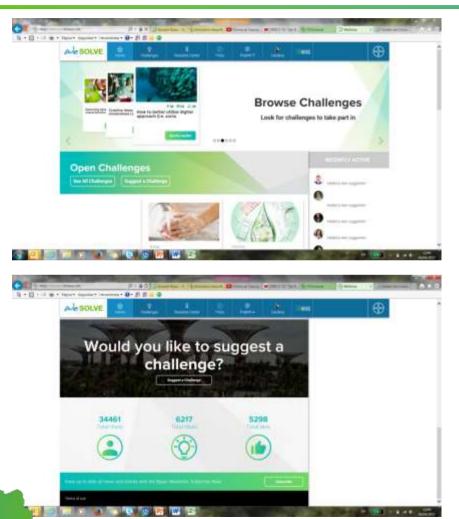


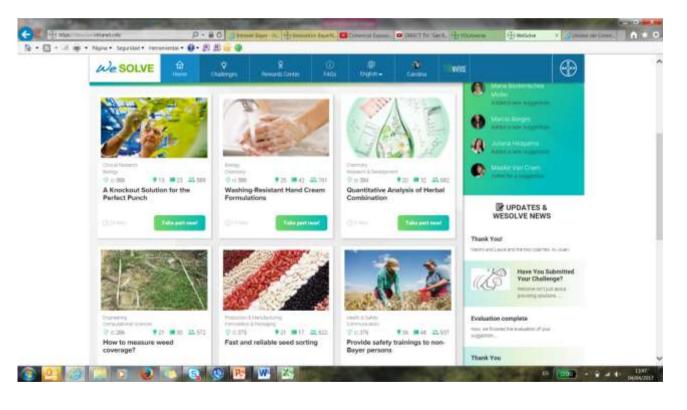




WeSOLVE









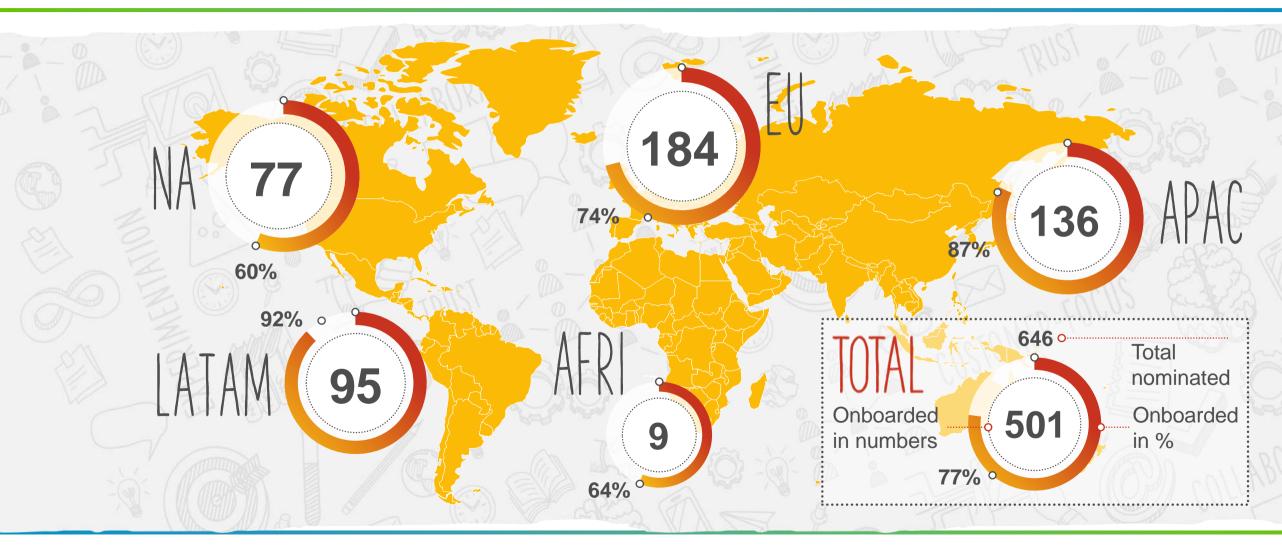
... can help your team members to create ideas to possible solutions for problems or situations during 2 hour "mini-session"





We Connect and and scale-up the innovation movement with our Network of 80 Ambassadors and 500 Innovation Coaches*





The Coaches run innovation-sessions across Bayer to create awareness and tackle business topics from new perspectives







DIVERGENTE

CONVERGENTE

Lógico y racional

Sigue una secuencia de ideas

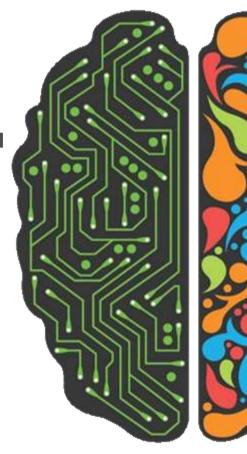
Es analítico, explica e interpreta

Desecha toda idea que no tenga una base sólida

Proceso Finito, siempre busca llegar a una solución

Importa la calidad de ideas

Busca juzgar ideas





Procesa ocurrencias, fantasías e intuiciones

Es provocativo

No juzga el error

Proceso probabilístico, no siempre se llega una solución

Importa la cantidad de ideas

Busca generar ideas



Habilidades del pensamiento creativo









COMUNICACIÓN





Business Workshops

Innovative mindset

Innovation needs a problem to solve and passion to research a solution

- 1 What problem do you want to solve? What is your strategy? Always start with the problem!
- 2 For whom do you want to solve it?
 Observe. use personas, empathy maps.
- 3 Rapidly innovate
 Do early prototypes! Get outside the office!
- 4 Fail fast and try again!
 Technology moves so fast experiment!







BAYER DESIGN THINKING



1 Healthy lifestyle – Food



2 Biolactosecurity Program





We collaborate & connect through Open Innovation Programs





Startup Accelerator

Grants for innovative IT projects which may solve business challenges.

Grants for innovative health and agricultural solutions

Young leaders discuss and create networks to bring solutions for the Sustainable Development Goals

Open Innovation Programs to accelerate internal innovation





2 Challenges2 Digital Solutions

CH



PH



dondoctor



BYCI Winners from 3 countries

Innovative projects in Agriculture and Health with social focus









2 winners from Colombia

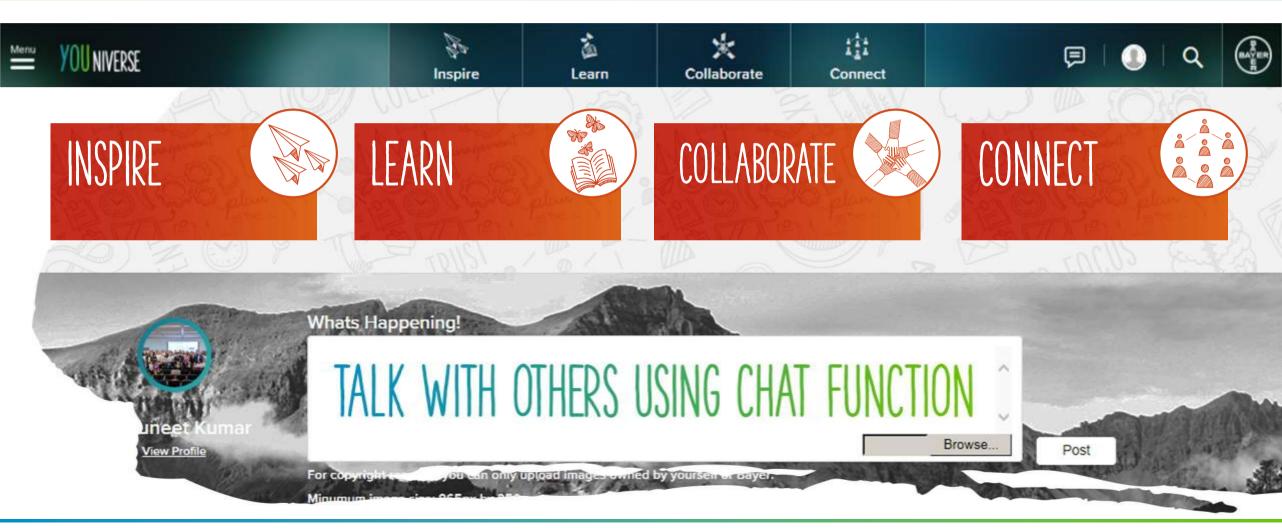
100 líderes jóvenes reunidos Bruselas, por una agricultura moderna y sostenible





Everything you have seen and more can be found on our **YOUniverse** platform at **go/youniverse**









Science For A Better Life

Thank you



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