





# SAINT-GOBAIN & SUSTAINABILITY

**WE BELIEVE THAT BEING SUSTAINABLE IS BEING  
SMART!**

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## INNOVATION MINDSET

**3,700**  
researchers

**8** cross-business  
R&D centers

**1 product  
out of 4**  
sold by Saint-Gobain  
today didn't exist 5 years  
ago

**TOP100**  
GLOBAL INNOVATORS

Nearly **400**  
patents filed in 2017

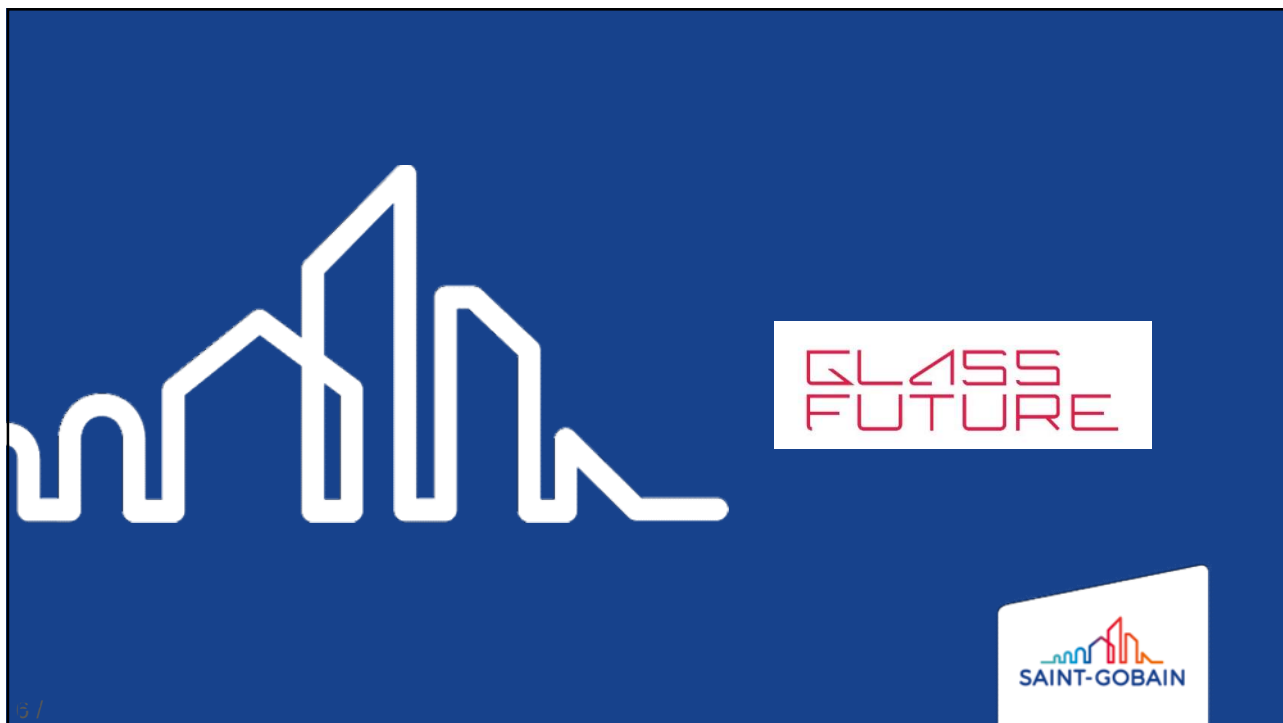
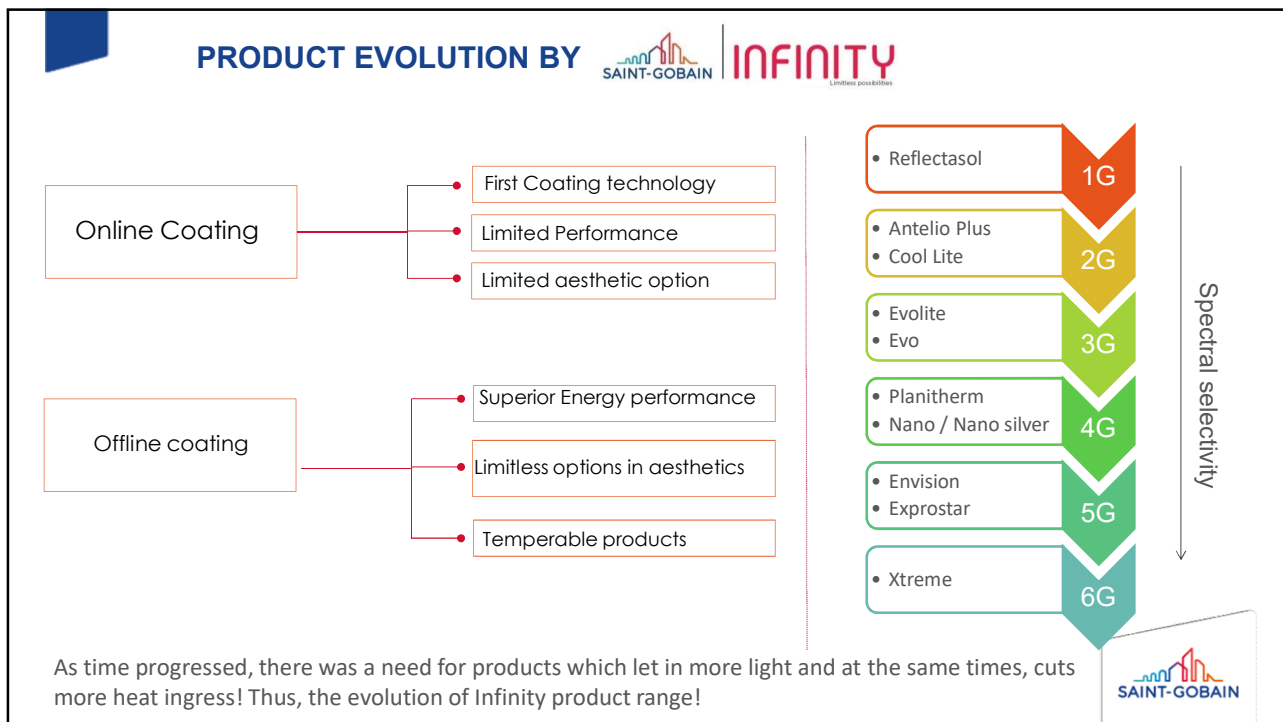
About **100**  
development  
centers

**NOVA**  
BY SAINT-GOBAIN

\* Source : Clarivate Analytics

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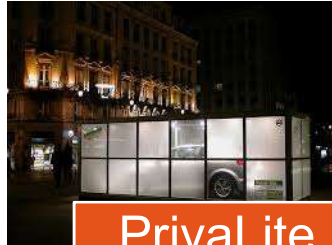




THE FUTURE OF GLASS  
GLASS FAÇADE INNOVATIONS

SageGlass®

SageGlass



PrivaLite

PICTURE  
IT.

PictureIT



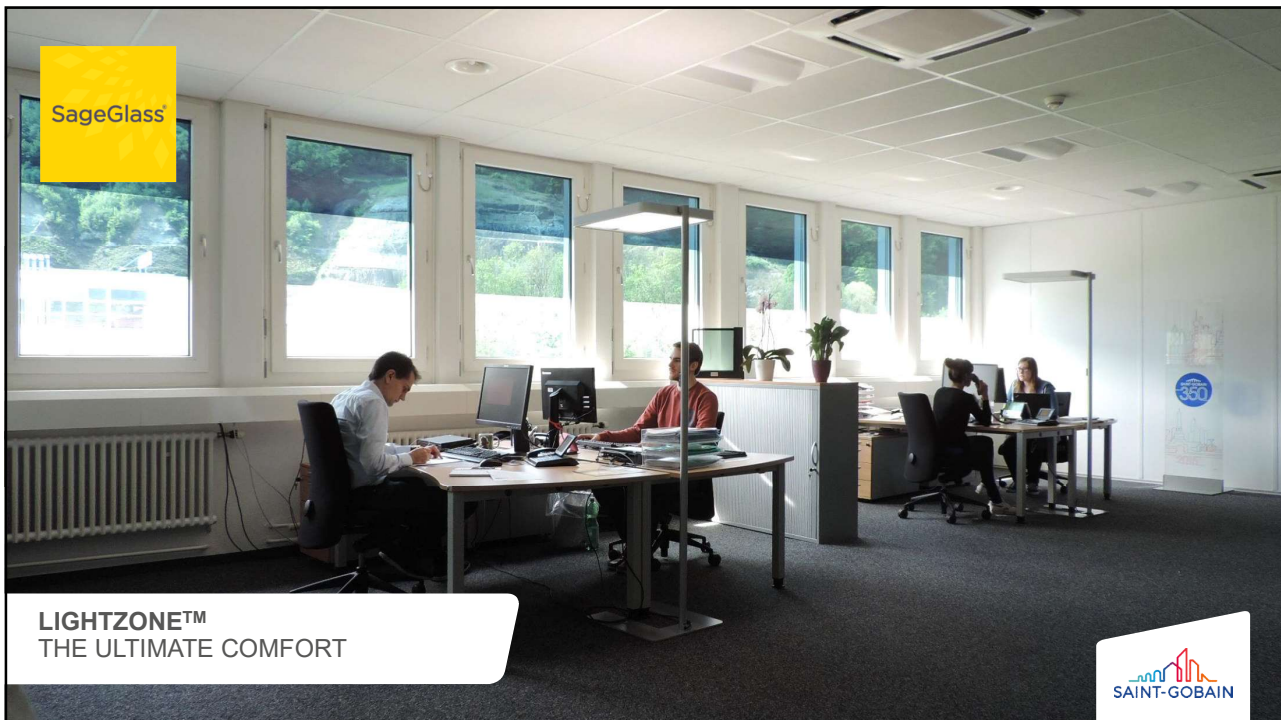
Heat and glare can counteract the positive benefits of daylight and views













SageGlass

**LightZone™**  
THE ULTIMATE COMFORT




- NO MORE GLARE !
- NATURAL DAYLIGHT COLOR
- BOUNDLESS FLEXIBILITY



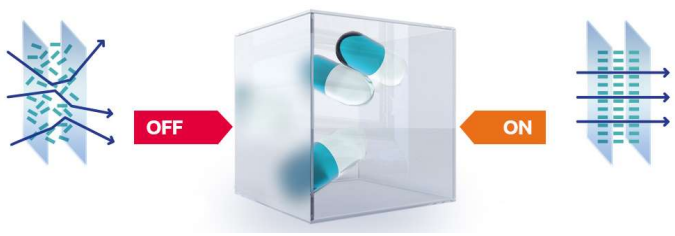
CHECK IT OUT! NEW GENERATION OF GLASS!

# PRIVA-LITE switchable glass

Unique glass with electronically controlled transparency. With just one click you can enjoy a transparent glass pane or an opaque wall. Perfect in hotel suites!




PRIVA - LITE CLASSIC & XL  
COMFORT / PRIVACY / DESIGN



**DESCRIPTION**

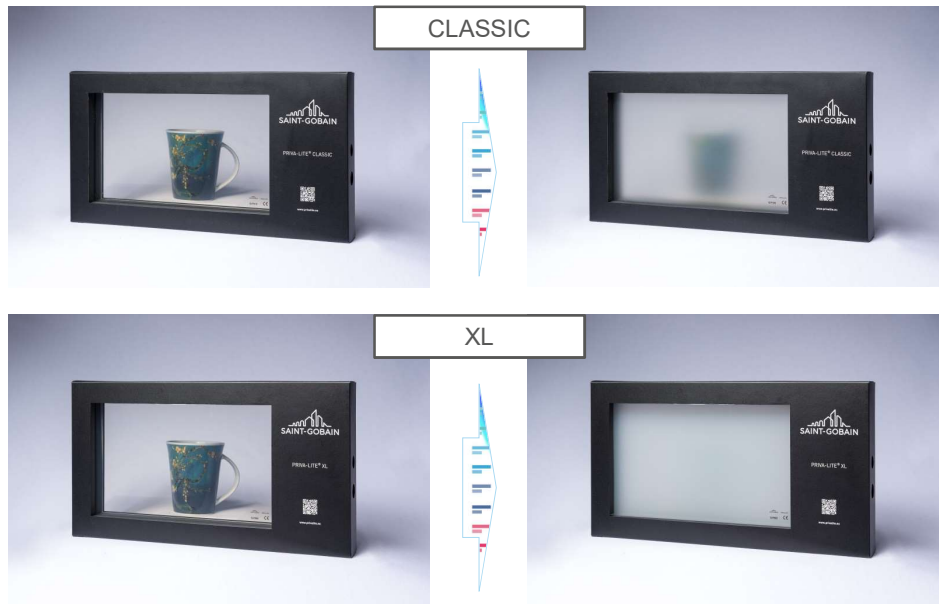
**PRIVA-LITE** is an active glass which, under the effect of an electric current, switches from translucent to transparent with **no alteration of light transmission**.

Light transmission is almost identical in the transparent and translucent states.





## PRIVA - LITE CLASSIC & XL COMFORT / PRIVACY / DESIGN



At Saint-Gobain,  
**SUSTAINABILITY**  
is a philosophy that reflects  
in every facet of our working



- We make products that promote Sustainability.



- We manufacture our products in a Sustainable way.



- We develop and nurture a Sustainable Ecosystem



- We promote a Sustainable Talent Pool.



- We invest in Sustainable Development of the Communities

**01** We make **products that promote Sustainability.**



**VALUE<sup>x</sup>**  
1 to 500

See	Feel	Hear	Breathe	Think
Visual Comfort	Thermal Comfort	Acoustic Comfort	Indoor Air Quality Comfort	Cognitive Comfort

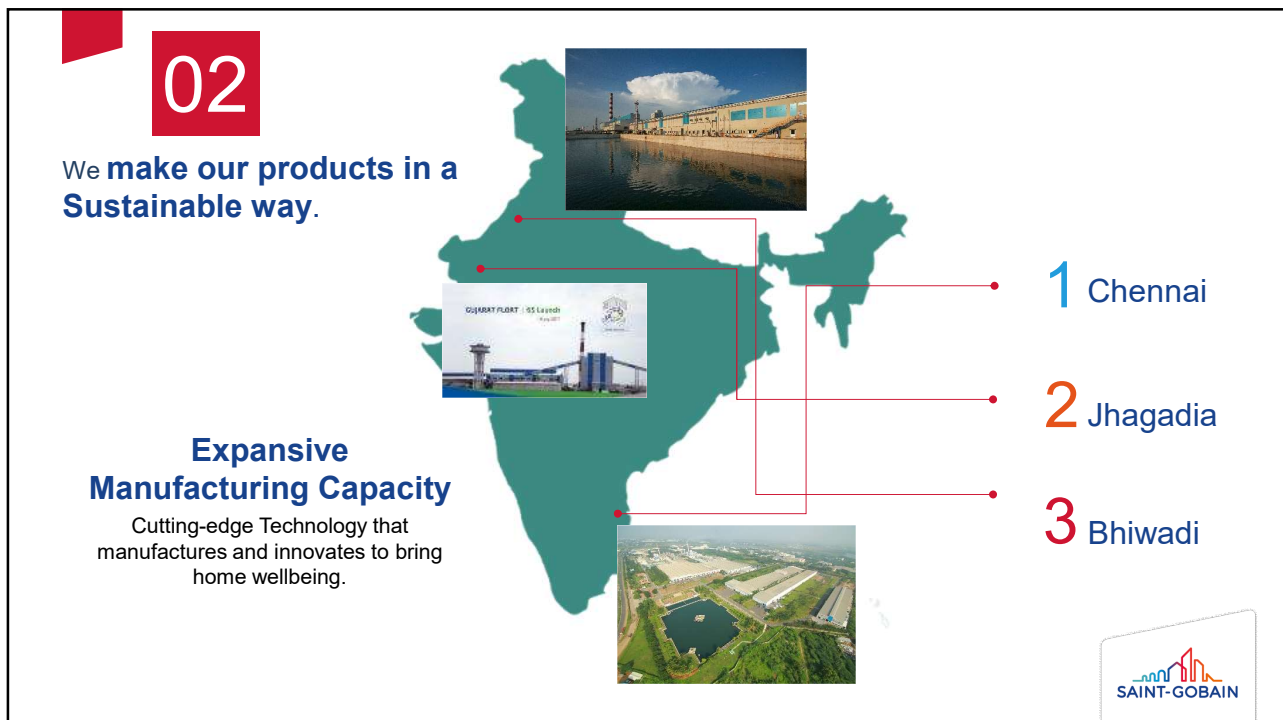
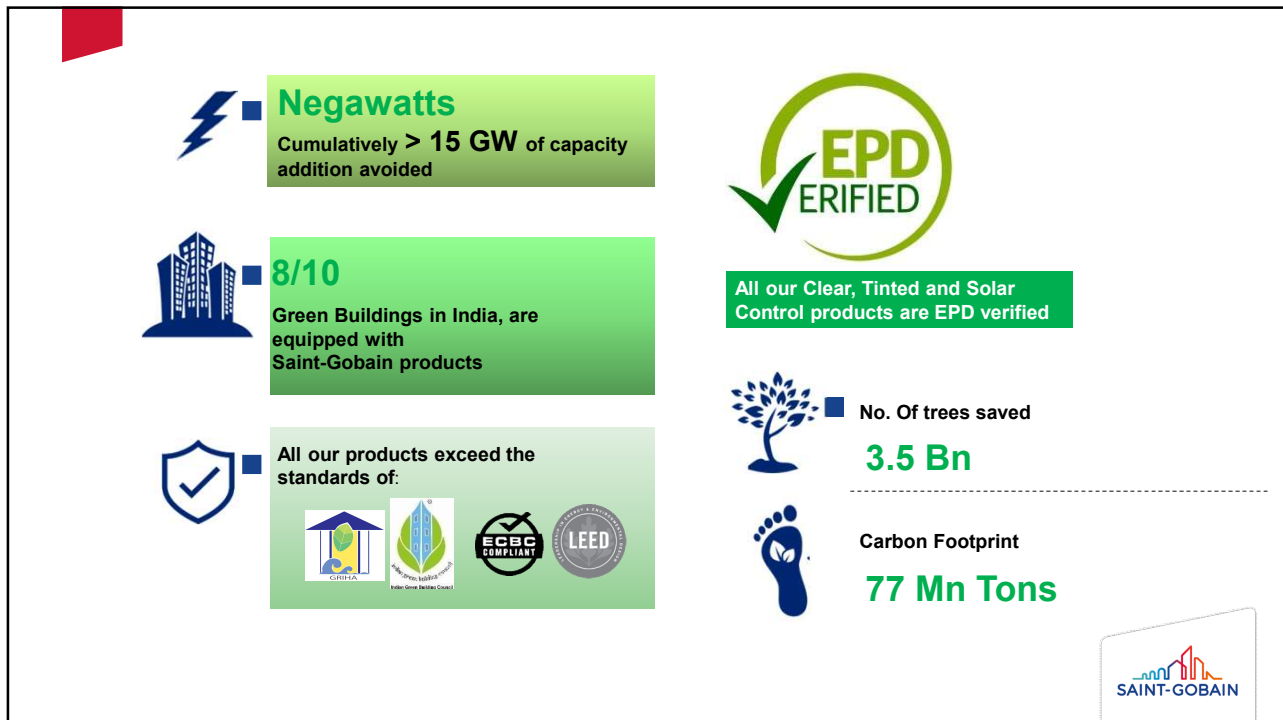
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 <b>GLASS</b> Clear   Tinted   Mirror   Solar Control & Low E   Laminated   Fire Rated  Offering Visual Comfort	 <b>Laminated Glass</b> Offering Acoustic Comfort
 <b>Lacquered Glass</b> Low VoC Living Places	 <b>Fire/ Bullet Rated Glass</b> Protecting Lives
 <b>Online &amp; Offline Coated Products</b> Offering Solar Control & Thermal Comfort	<b>All of these products are manufactured at World Glass Complex Sriperumbudur</b>

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02

We **manufacture** our products in a

**Sustainable way**



**SAND**

Responsible Mining of sand, bettering Government norms

Potential of utilizing waste sand generated from NLC





**ENERGY**

Lower energy consumption / ton  
Progressive use of renewable energy





**WATER**

Continual reduction in per capita water consumption.  
Rain Water Harvesting





**LOGISTICS**

Lean logistics towards progressive reduction of packaging






**ENVIRONMENT**

Continuous reduction of SoX and dust








02

We **manufacture** our products in a


**Sustainable way**



**SAND**


Responsible Mining of sand bettering Government norms


Potential of utilizing waste sand generated from Neyveli Lignite Corporation



• **ENERGY**

Lower Energy Consumption for Glass Manufacturing using Regenerative furnaces






**WATER**

Reduced consumption of water

by a factor of **4** since 2000

Cumulative Harvested Rain water **150** Crore Liters




**LOGISTICS**

• Naked transport & wood savings in glass packaging

• Last 6 years.

**3,00,000** Trees Saved




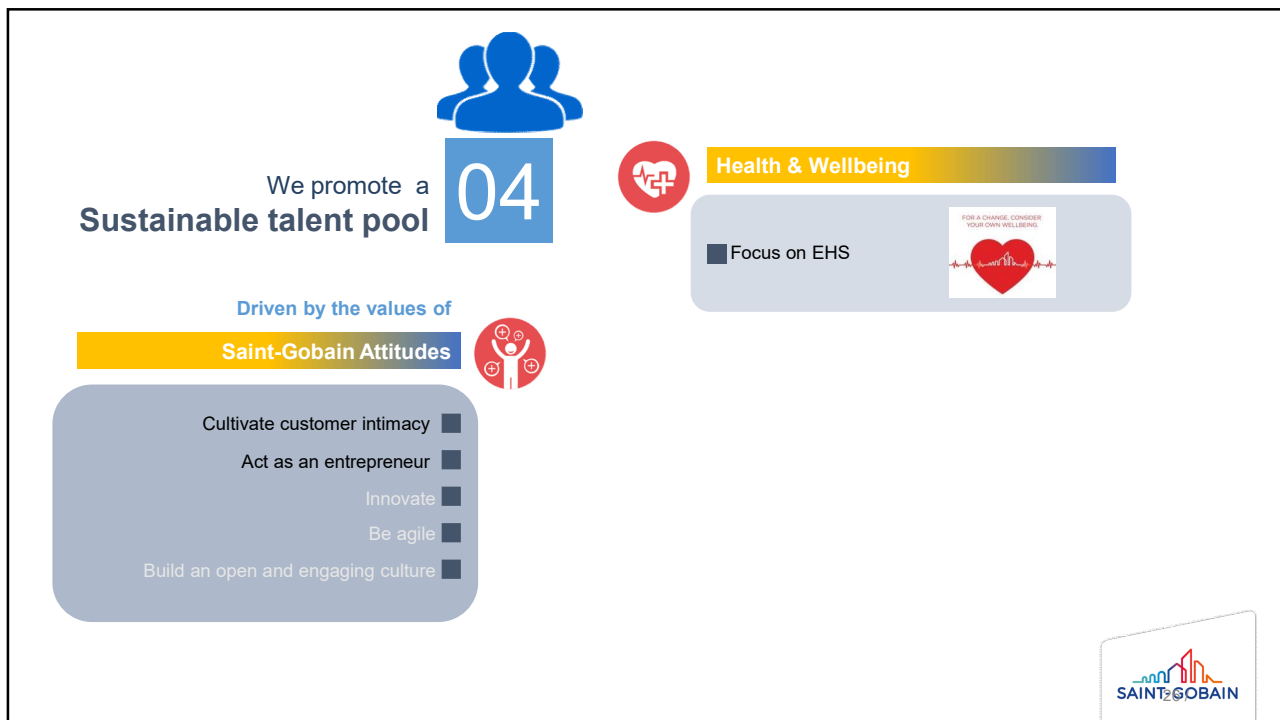
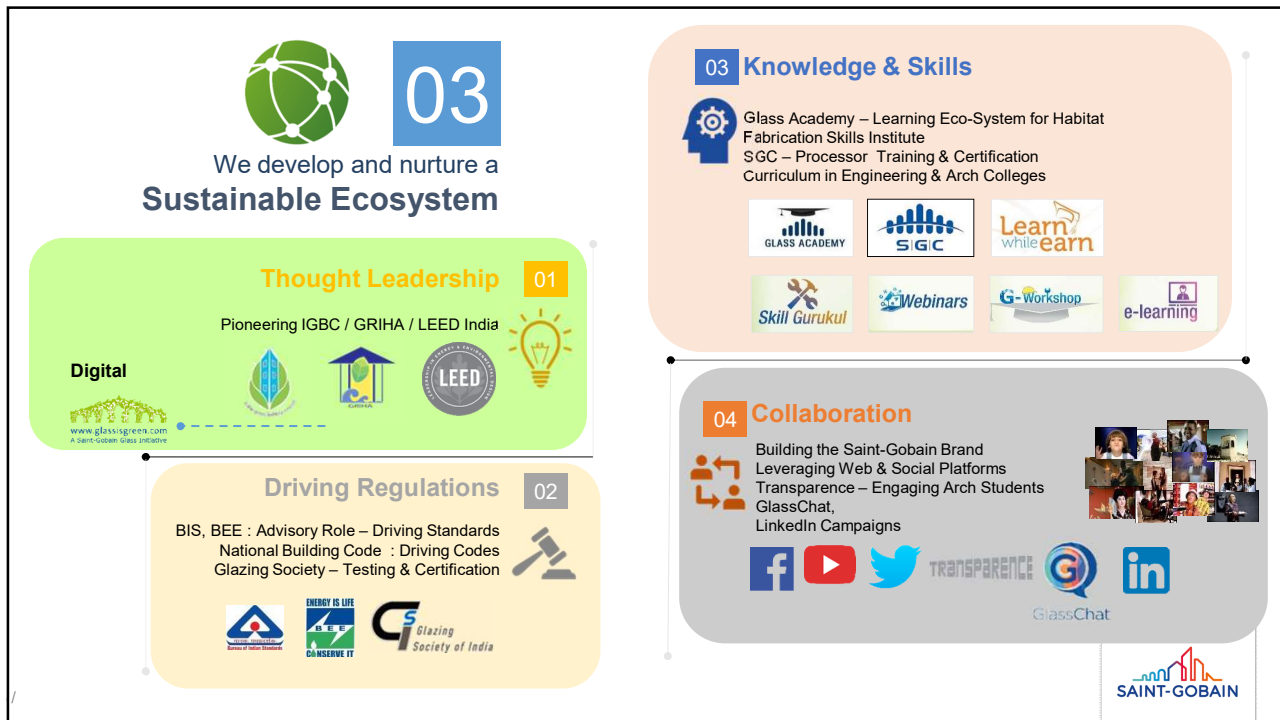
**EMISSIONS**

CO2 emission reduced **70 mn tons** or **3195 mn trees saved**

• Only glass manufacturer with ESP and Desox units

• Maintenance of SPM @ < 40% of norms





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We invest in **Sustainable  
Development of the  
communities**

## CORPORATE SOCIAL RESPONSIBILITY OUR APPROACH



THANK YOU  
QUESTIONS?

