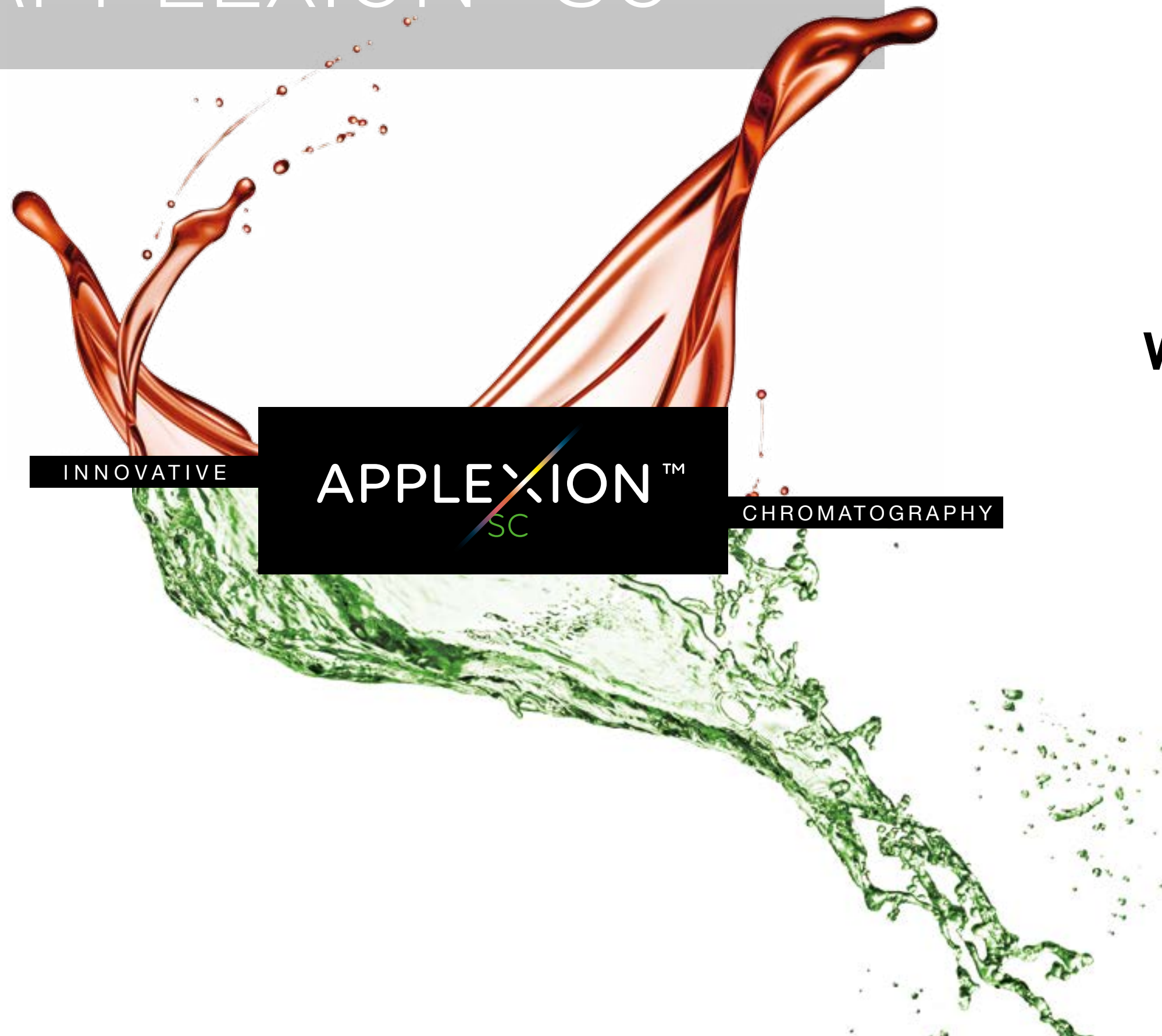


# APPLEXION™ SC



INNOVATIVE

APPLEXION™

SC

CHROMATOGRAPHY

Can't separate it?  
**WE MAKE IT POSSIBLE**

[Chromatography principle](#)

[Applexion™ SC overview](#)

[Applexion™ SC in action](#)

[Contact](#)

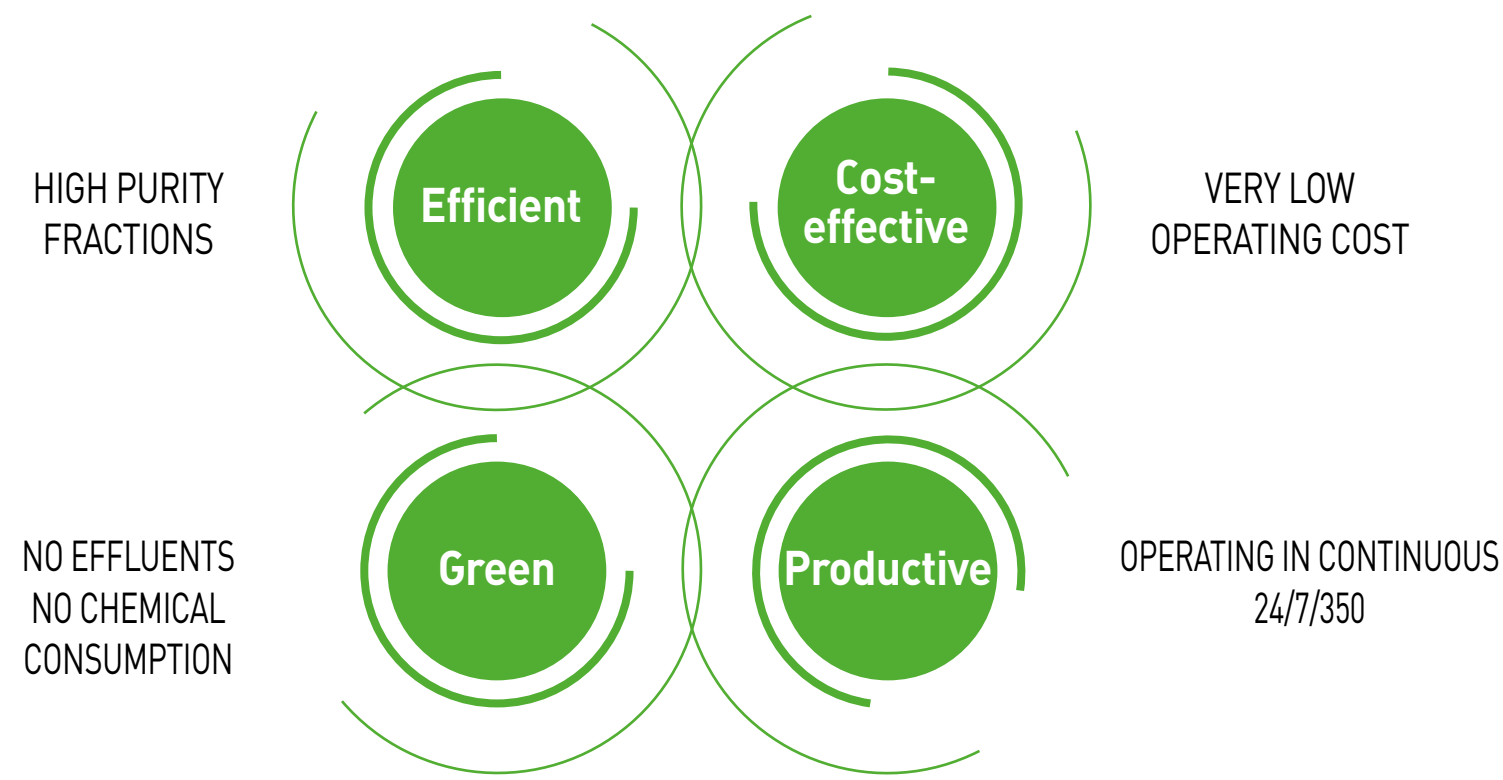


# CHROMATOGRAPHY

## principle

## CHROMATOGRAPHY, THE PERFECT GREEN TECHNOLOGY

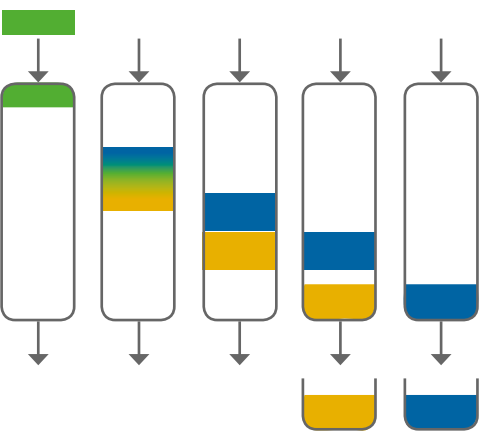
Chromatography is the technology of choice  
for your purification process:



Want to know more about industrial chromatography?  
Click on the image above or on the link [here](#).

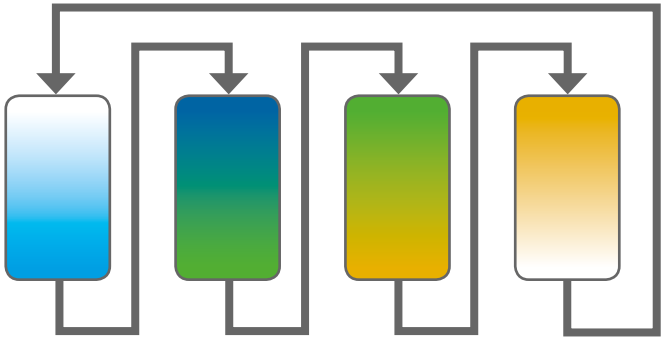
## HOW DOES CHROMATOGRAPHY WORK?

From the lab...



**Chromatography:**  
Separation of 2 components  
by using their difference of  
affinity with a resin.

... to industrial chromatography



A continuous and productive technology:  
**Applexion™ SC**

Applexion™ SC

# Applexion™ SC

## THE BEST CHROMATOGRAPHY SYSTEM FOR YOUR APPLICATION

Each separation requires a specific process design to get the best performances.

**Applexion™ SC** meets this challenge by combining:

- A unique methodology to select THE solution tailored to your needs from a wide range of design options
- Novasep's industrial expertise in building, commissioning and maintaining performant chromatography systems

**A one-stop shop** for all your chromatography projects:

- **Fine optimization** of applications traditionally using chromatography
- **Fast development** of new processes

A SOLUTION TAILORED TO YOUR NEEDS

A wide range  
of design  
alternatives

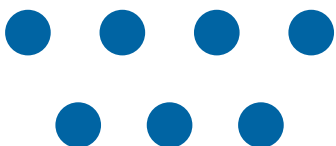
A unique  
selection  
methodology

Best design  
with optimized  
CAPEX and OPEX

INDUSTRIAL EXCELLENCE

Robust  
and easy-to-use  
industrial system

Full range  
of services  
for your industrial  
performance



Chromatography



Applexion™ SC

Design selection methodology

Industrial Excellence



In action

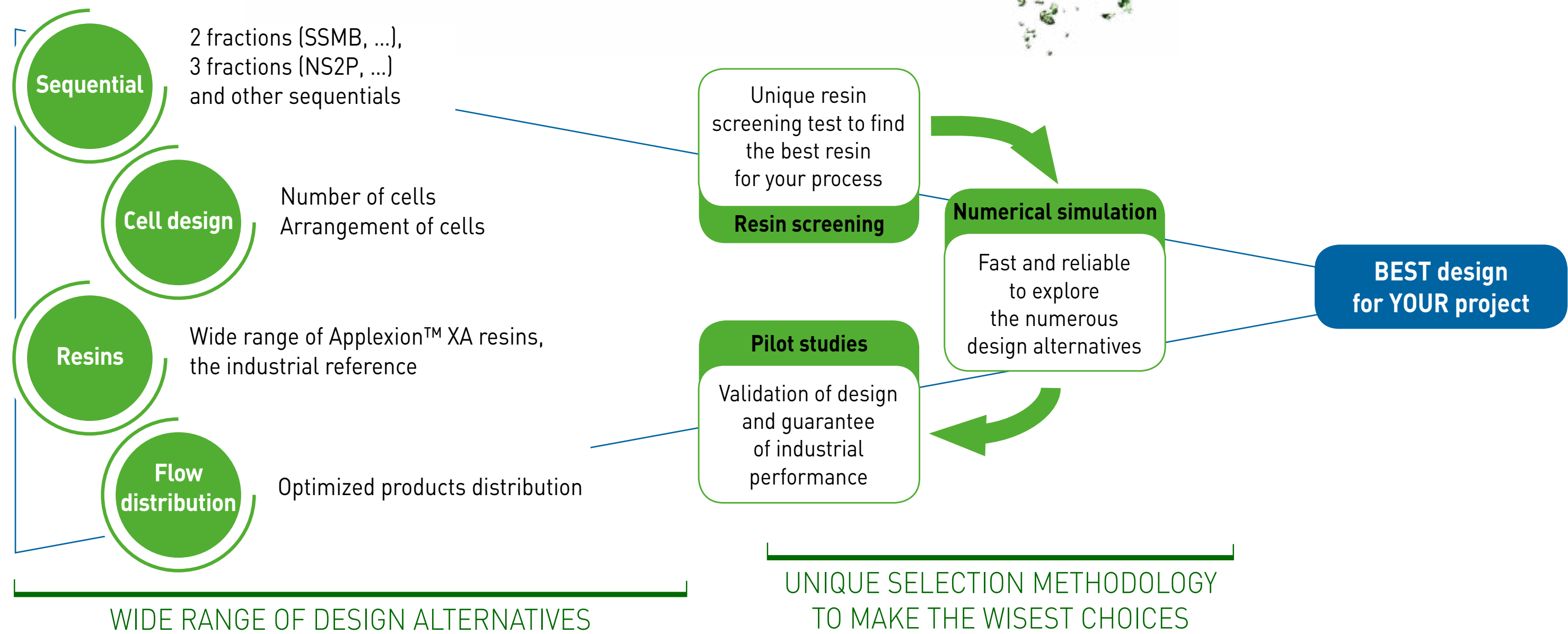


Contact



## A SOLUTION TAILORED TO YOUR NEEDS

How to find the **best design for your project** to achieve maximum performance?  
By combining the wide range of design alternatives offered by Novasep with our unique selection methodology.



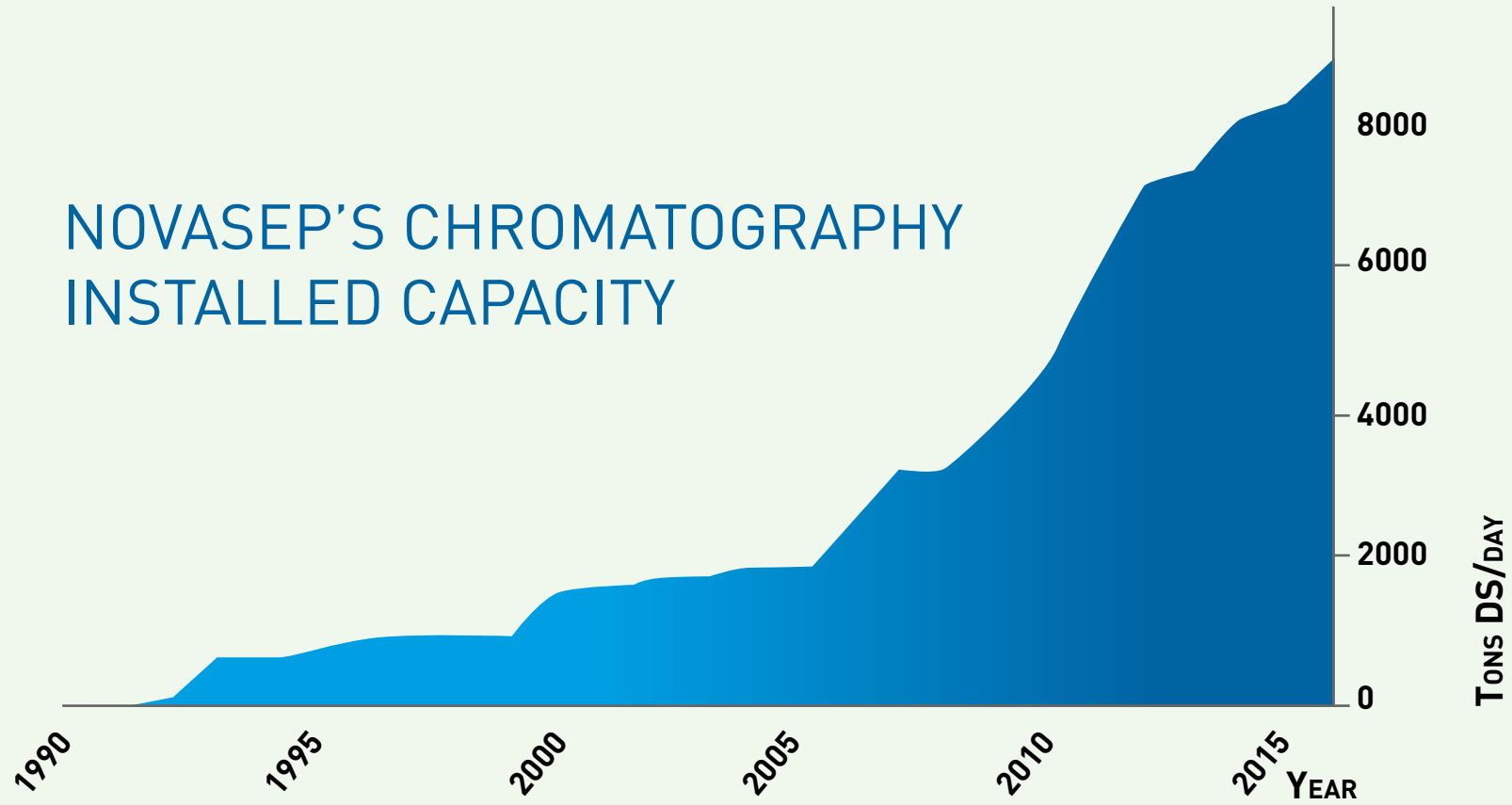


# INDUSTRIAL EXCELLENCE

Novasep has **more than 25 years of experience** in designing, building, commissioning and maintaining large-scale chromatography units:

- **Robust and easy-to-use** industrial systems
- **Full range of services** to maintain performance over time with Novasep experts worldwide

## NOVASEP'S CHROMATOGRAPHY INSTALLED CAPACITY







Chromatography



Applexion™ SC

Design selection methodology

Industrial Excellence



In action



Contact

# Applexion™ SC

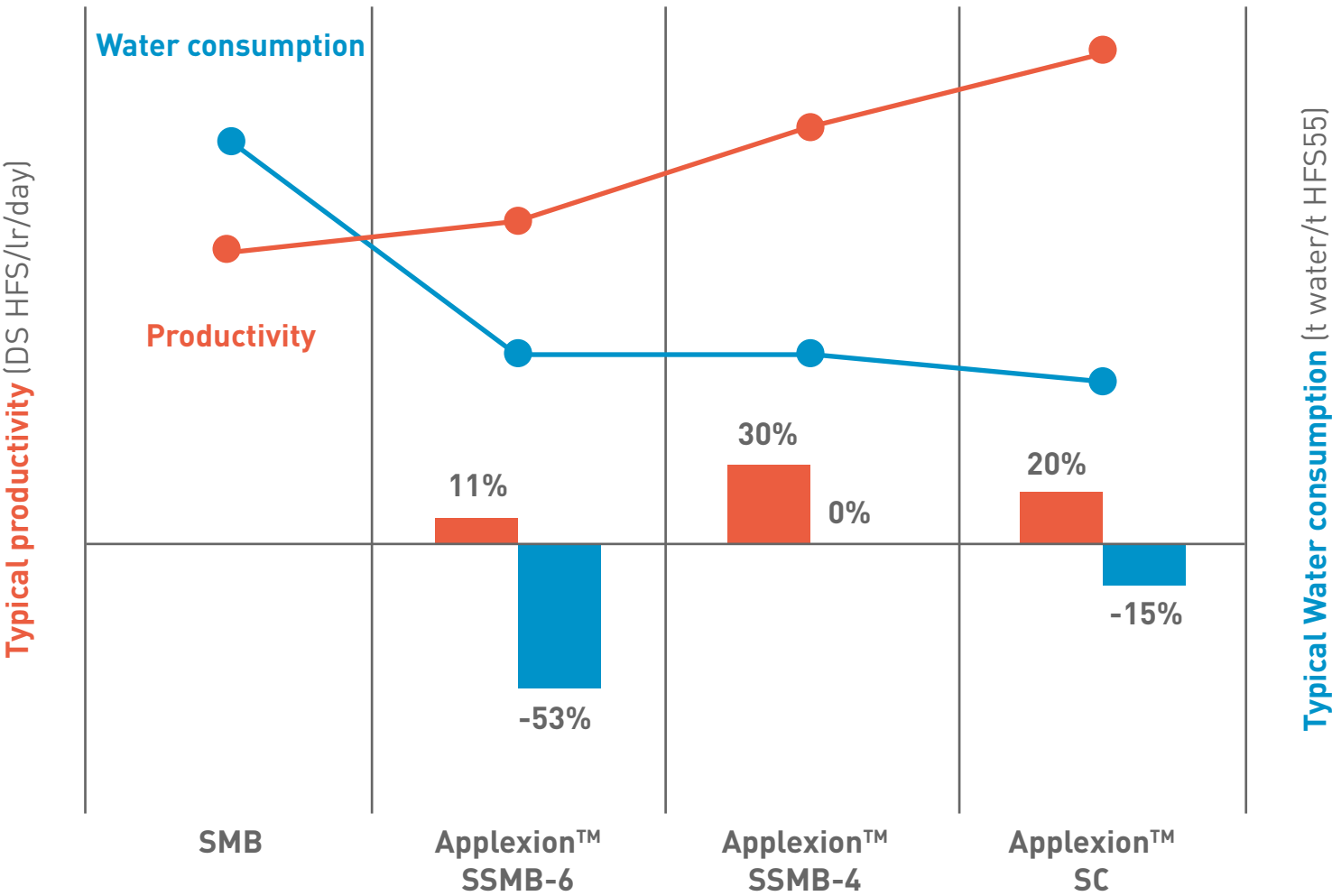
## HFS55 PRODUCTION OPTIMIZATION

Novasep continuously improves its chromatography systems to reach highly optimized designs.  
HFS55 production is an example of fine process optimization thanks to **Applexion™ SC**.

### Applexion™ SC IN ACTION:

- Better productivity
- Lower water usage

## CONTINUOUS OPTIMIZATION OF HFS55 PRODUCTION



**SMB** = Simulated Moving Bed  
**SSMB** = Sequential Simulated Moving Bed  
**SC** = Sequential Chromatography



Chromatography



Applexion™ SC

Design selection methodology

Industrial Excellence



In action



Contact



Applexion™ SC



Need more information?  
**CONTACT NOVASEP'S EXPERTS!**



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