



ILS



Shaping solutions in Life Sciences

The ILS logo is located in the top left corner. It consists of the letters 'ILS' in a bold, dark blue font, followed by a stylized blue bird-like icon with wings spread. The logo is set against a white circular background that overlaps a vertical decorative strip on the left side of the slide. This strip features a complex, fractal-like pattern in shades of teal and blue, resembling a microscopic view of a biological structure or a molecular model.

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WHO WE ARE ?

ILS is an **independent consulting company in Life Sciences**, with a focus on pharma and biotech.

Our team is made up of around **20 people** with diverse profiles

More than 50% of team members have **hands-on experience** in development or production

Together, we have some **300 years of accumulated experience** in realizing and managing Life Science projects

By combining our team's expertise with our wide international network of trusted partners, we deliver best-fit solutions to meet your every need, from financial and technical to regulatory and organizational.

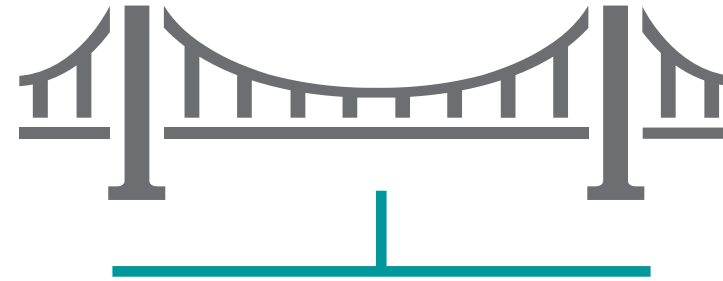


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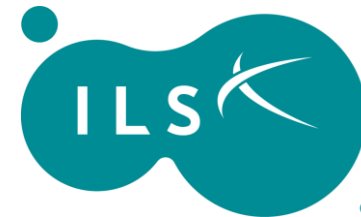
OUR UNIQUE POSITIONING

We position ourselves as your partner, co-developer and constant guide to bridge between Consulting & Engineering groups

**Industrial
Strategy
Definition**
Consulting
group



**Construction
Engineering
group**



Industrial Strategy
Implementation

Facility Design

Industrial
Achievement

Our aim is to ensure you always get
the most added value upfront from any
INVESTMENT DECISION
you make.

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WHAT WE DO ?

At ILS, we create solutions enabling you to successfully **realize your industrial Life Science ambitions.**

Our hands-on approach covers every step of the investment cycle, **from concept to industrialization.** By working closely with you, we help you translate your needs into a concrete vision. And by shaping customized solutions, we enable you to make the right decisions to **reduce your time to market.**

Our wide-ranging expertise includes:





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OUR COMBINED EXPERTISE

Leadership & coaching

Environment

Digitalisation

GMP Compliance

Biosafety & High-Potent

Biotech
Biotherapy
Plasma products
Vaccines

Pharmaceuticals
Drugs

Medical Devices

Bulk

Aseptic
Fill & Finish

Oral
Solid
Dosage

Assembly
& Pack

Washing & Sterilization - Clean Utilities

Production support (Lab, Logistic)

Building & building services design

CAPEX
Project
Management
&
Organisation

Front End Studies
Basic Design
Execution

Project
Execution
strategy set-up :
EPC
EPCMV
Turnkey

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MARKET SURVEY

INDUSTRIAL STRATEGY



We inform, train you about pharmaceutical industry Value chain & constraints all along the process.

DEEPER UNDERSTANDING

We examine with our expert eye:

The added value of business

Corporate culture & strategy

DATA GATHERING

We investigate:

Applicant's pharmaceutical field

Market facts & trends with PESTEL

STRATEGISE

We put down:

Applicant's future industrial & quality

We streamline priorities based on SWOT

SOLUTIONS SHAPING

We define:

Path to be investigated in order to solve future industrial & quality issues

What does it take to implement the solution



INDUSTRIAL STRATEGY IMPLEMENTATION

- Market Survey
- Investment Strategy
- Industrial Master Plan
- Compliance strategy
- Digitalisation strategy
- Environmental strategy
- Cyber security strategy

- Deindustrialization strategy

- Site selection
- Facility due diligence
- Post Merging Integration
- Technical & compliance audit
- Regulatory file & pre-audit

- Investment assessment



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cGMP FACILITIES



Because industrial Assets and specifically, cGMP facilities are the cornerstone of your Industrial Strategy.

We make it a pillar of our services.

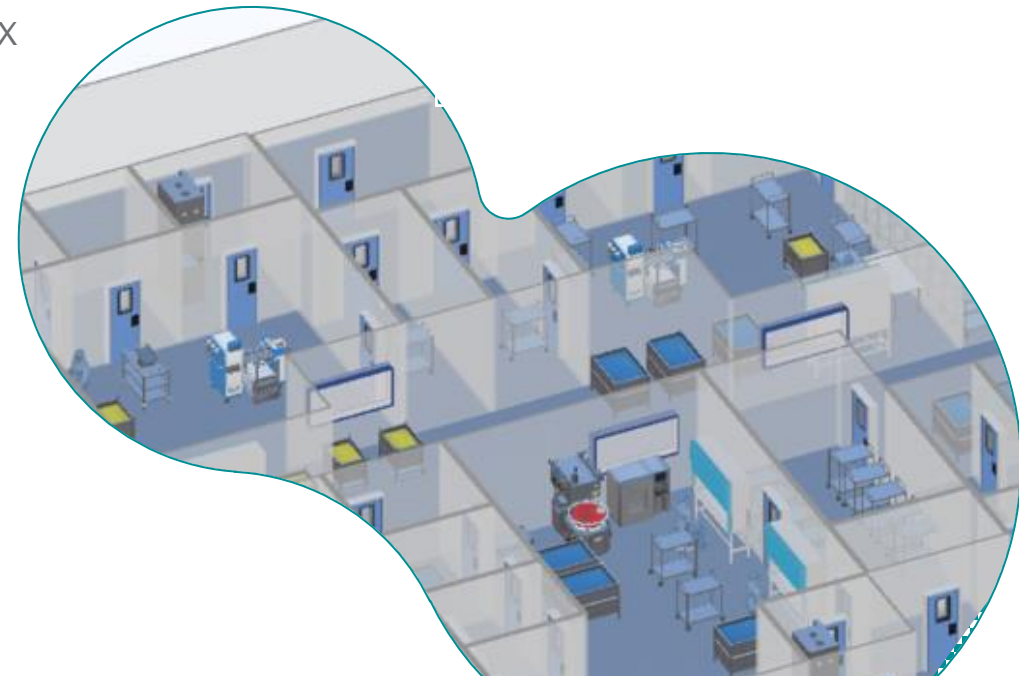
Either you need a new industrial tool of revamp/buy an existing one, our objective is to guarantee through our design:

- The right level of compliance,
- The right dimensioning of your industrial installations according to process and business needs,
- Maximum agility for future evolutions and ease of construction.
- Minimum impact on supply chain and time to market objectives
- Maximum cost efficiency in term of CAPEX and OPEX



FACILITY DESIGN

- Site Master Plan
- Industrial Feasibility
- Conceptual & basic design
- TIC Evaluation
- Scheduling
- Detailed design review





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PROCESS DESIGN



Because Process and Product are your core added value,

We make it as a centric point of our services.

Thanks to our strong knowledge in life sciences processes, we support you in aligning your industrial process design with your business objectives by:

- Selecting technical solutions to optimise cost balance, enhance process efficiency
- Evaluating innovative and sustainable solutions
- Applying regulatory requirement and industry standard to ensure product robustness
- Auditing your installation or process in regards to technical, quality compliance and business expectations

Our experts coming from various field of life sciences process understand and integrate process and product constraints through all steps of your projects such as:

- Biosafety and Nuclear safety
- High potency
- Flexibility and expandability
- Modularity
- Regulatory compliance
- Operational organisation
- Fast Industrialization
- Environment impact



INDUSTRIAL STRATEGY IMPLEMENTATION

- Process scale-up & transfer
- Technical & compliance audit



FACILITY DESIGN

- Biosafety/Hi-potent strategy
- Technology concept selection
- URS
- Process simulation, capacity simulation & automation, detailed design
- CQV strategy & risk analysis
- Detailed design review



INDUSTRIAL ACHIEVEMENT

- Tendering package
- Supplier selection
- Process detailed design, expediting activities, FAT/SAT/IQ activities, ramp-up advices

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PROJECT ORGANISATION



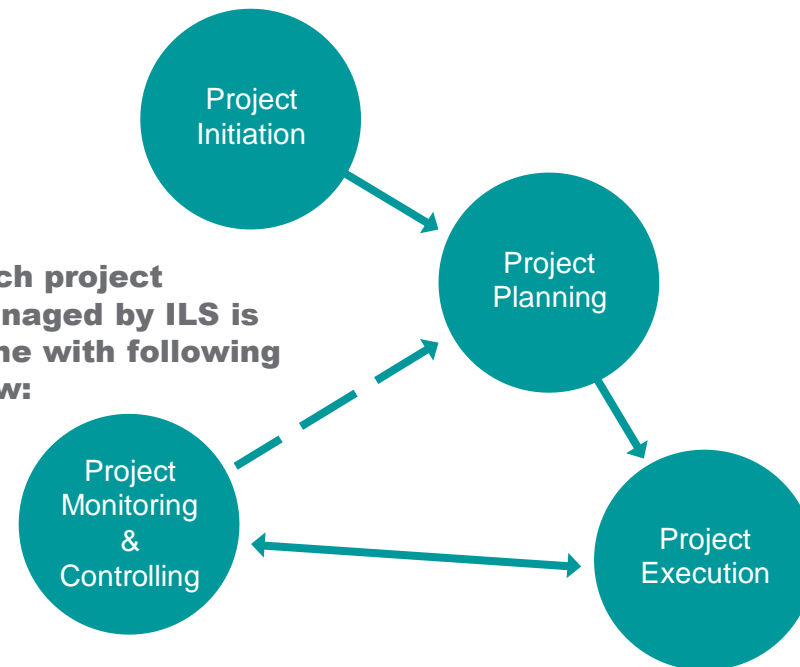
Because a project well executed is the key to achieve your goal

We make it a key of our services

As your wingman:

- We lead you to establish a robust project execution strategy, its subsequent organisation, its competences and its governance
- We integrate your team to support you in an end to end way

Each project managed by ILS is done with following flow:



INDUSTRIAL ACHIEVEMENT

Support to project initiation

- Execution mode selection
- Organization
- PEP & QAP
- Risk analysis

Support to project execution

- Project management
- Procurement strategy
- Tendering package
- Supplier selection
- Process detailed design, expediting activities, FAT/SAT/ IQ activities, ramp-up advices

Project organization audit

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TEAM COACHING



Because each team player and organisations transformation are crucial for your business success.

We make it a must of our services.

As your partner :

We support you by co-developing approaches, solutions to :

- Bring-up to speed the management and project teams
- Transform your organization in a growth lever
- Achieve a collective commitment



We coach for :

Project

- Collective commitment for success

Competences

- Identify & develop individual skills /Competences
- Creation of team performance

Organisation

- Audit
- Adjust governance & processes





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HOW WE DO IT

As proven solution makers, we immerse ourselves in your world to get a fuller understanding of your challenges and your ambitions.



We believe in **collaborating seamlessly** with you at all times

Working alongside you, we **co-develop tailored solutions** that form the cornerstones of your industrial investment program

Throughout our collaboration, we are your wingman, **constantly looking out for your best interests**

Because we've worked first-hand in your industry, we have an unrivalled ability to **anticipate every eventuality**

We stay by your side wherever you need us in the **implementation phase**

REFERENCES

INDUSTRIAL



START-UP



REFERENCES

INVESTMENT FUND – NGO

Cinven



World Health
Organization



BANQUE MONDIALE

ENGINEERING

nne[®]
Focused pharma engineering

chemengineering

NUC ADVISOR

