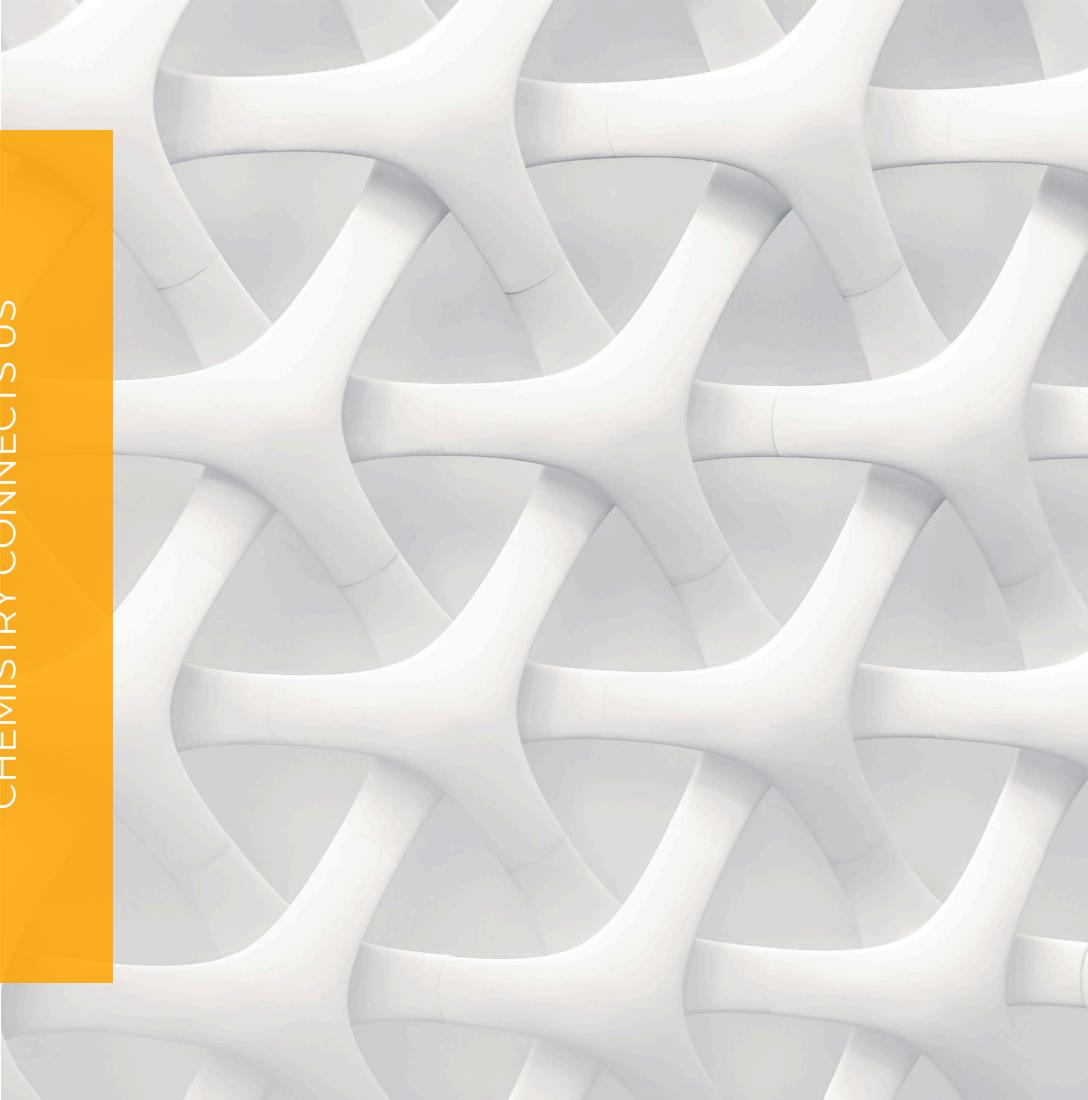


Company profile

Helmchron

We deliver **plant design engineering solutions** to enable higher quality of life for the coming generations.



CHEMISTRY CONNECTS US



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For the coming generations



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There are more than **8 billion people in the world** and **each and every one of us is authentic.**

However, **we are all interconnected.**

In its nucleus, **every creature shares** the same nature's **principles, elements, and bonds.**

Chemistry is in **our core** and **chemistry** is all around us.

No matter **who you are at your own fundament, we have at least one thing in common**...something profound that connects us...

CHEMISTRY CONNECTS US



Who are we?



Helmchron is a family-owned company dedicated to providing comprehensive and full-service **plant design engineering** solutions for the manufacturing facilities of:

- **pharmaceuticals**
- **chemicals**
- **food and bio products**
- **electronics**
- **energy**
- **oil and gas.**

We actively contribute to the **manufacturing of globally available, safe, and high-quality products** since 2010.

Our engineering solutions are delivered to local and global leaders and innovators across different industries with a focus on **sustainable impact and outcomes and long-lasting partnerships**.

Our mission and vision are focused on improving the quality of life for everyone everywhere whilst keeping our environment healthy.



Company information

Registered activity: Engineering services - Plant design

Year of establishment: 2010.

Seat location: Belgrade, Serbia

TIN: 112690991

Registration number: 66287432

Contact person: Milos Ivosevic, PhD, Process Engineer

Phone number: +381 64 293 85 33

E-mail address: office@helmchron.com



“ We are passionate about each project and observe each task from our own unique perspective to be able to deliver outcomes with agility and highest professional standards.

Milos Ivosevic, Ph.D, CEO

Our services

PRE-PLANNING & CONSULTING

- Assessment of investment
- Capacity planning
- Assessment of current infrastructure
- Concept planning and feasibility studies
- Sustainability considerations and environment impact assessment
- Process selection and optimization
- Technology integration - incorporate advanced technology and automation
- Risk analysis
- Cost-benefit analysis / engineering-economic analysis
- Cost estimation
- Process simulation and sizing of equipment, HAZOP
- Workforce needs assessment
- Life-cycle management - equipment and facilities lifecycle plan, maintenance schedules, upgrades and replacements.

ENGINEERING & DESIGN

Basic Engineering:

- Feasibility studies and data analysis
- Process description and design
- Development of process flow diagrams (PFDs)
- Heat and material balances
- Creation of preliminary piping and instrumentation diagrams (P&IDs)
- Layout planning
- Equipment specification and selection
- Thorough risk assessment
- Process simulation
- Project execution plan, with cost estimation and project schedule

Detailed Engineering:

- Development of detailed design
- Process engineering design of equipment and piping, including strength calculations
- Technical specification of materials, measurement systems, and plant components
- 2D/3D planning of piping systems
- Integration of various systems and subsystems within the overall project
- Installation planning
- Documentation

As-Built:

- Tracking of changes and implementation
- Documentation





Our services

PROJECT MANAGEMENT

- Resources planning and control
- Schedule planning and control
- Creation of working packages
- Coordination of deliveries and services
- Cost monitoring and management
- Documentation qualification

EQUIPMENT & SERVICES

- Design, documentation, and selection
- Procurement
- FAT/SAT support and management
- Installation and integration
- Maintenance and repairs
- Revamp of existing equipment
- Testing and optimization
- Lifecycle management - from procurement to decommissioning

COMMISSIONING

- Development of commissioning plan
- Systems and equipment inspections
- Functional testing on systems and equipment
- Integration testing
- Performance testing
- Client acceptance and handover, including personnel training
- Post-commissioning review to assess the overall process
- Our references



Our business areas



Pharma & Life Sciences

Sterile and Non-Sterile Products, Biologics, Controlled Release Forms, Oral Dosage Forms, Parenteral Products, etc.



Food & Bio products

Nutraceuticals, Dietary Supplements, Enzymes, Processed Food, Beverages, Confectionary, Animal Feed, etc.



Chemicals

Industrial Chemicals, Plastics and Polymers, Cosmetics, Cleaning Agents, Paints and Coatings, Fertilizers, Pesticides, Herbicides, etc.



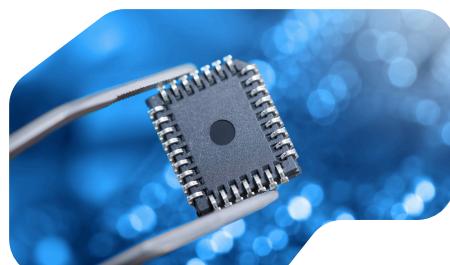
Energy

Consumer Energy, Industrial Energy, Energy Storage Systems, Renewable Energy, Energy-Efficient Products, etc.



Oil & Gas

Consumer Fuels, Industrial Products, Automotive Products, Alternative Fuels, Biofuels, etc.



Electronics

Consumer Electronics, Household Electronics, Automotive Electronics, Medical Devices, Semi-Conductors, Power Supplies, etc.



Our initiatives

HELMCHRONe

- An innovative service concept that overcomes the lack of focus on one project and its outcomes, leading to prolonged timelines and budget overruns.
- Helmchron ONE focuses ONE team on ONE client and ONE project only.
- **One Team:** Each of our projects is assigned to one of our teams. The team is fully dedicated and accountable for the outcomes, ensuring that every aspect is considered and executed.
- **One Client:** We believe in forging strong, long-lasting partnerships, and that starts with putting the client first - each team delivers to one client only.
- **One Project:** By channeling our expertise, resources, and creativity into delivering the best results for one project, we ensure unmatched quality, efficiency, and effectiveness.



Helmchron InnoLAB

- Our research initiative dedicated to advancing and innovating plant design engineering.
- We aim to lead the way in pioneering research and development, ensuring sustainable and progressive plant engineering solutions for the coming generations.

Helmchron Academy

- An initiative aimed at educating and developing the team by sharing specific knowledge from complex and advanced projects.
- By focusing on practical experiences, we ensure continuous development and skill enhancement for our team members.
- Through Helmchron Academy, we nurture our team with the knowledge and expertise needed to excel in their roles and our service.



Our way of work

Mission

We deliver best in class plant design engineering solutions that aim to enhance the **quality of life** and keep our environment **healthy** for the coming generations.

Vision

We are **reliable partner** of choice for leading **global** chemicals **manufacturers** in achieving more effective, innovative, and sustainable ways of producing safe, qualitative, and novel products **for everyone**.

Values



Integrity



Commitment



Agility



Diversity



Courage



Our management



Milos Ivosevic, Ph.D.
CEO, Process Engineer

- Founder of the company and 3rd generation engineer
- Completed Master`s and PhD theses in Process Engineering at the University of Belgrade
- Gained experience at the renowned Paul Scherrer Institute (PSI) in Switzerland
- Contributed to projects for major chemical and pharmaceutical manufacturers like BASF, Novartis, Roche, Vetter Pharma
- Passionate about global projects aimed at enhancing the quality of life for the coming generations everywhere



Anja Andjelkovic, M.Sc.
CTO, Process Engineer

- Joined the team in 2018 with a focus on operations and expansions efforts
- Holds a Master`s degree in Process Engineering from the University of Belgrade
- As a former professional volleyball player and coach, she delivers discipline and results orientation
- Contributed to international projects for clients such as BASF and Vetter Pharma

We have at least one thing in common...

CHEMISTRY CONNECTS US

Plant design engineering

for the coming generations



HELMCHRON

For more information visit
www.helmchron.com

