



**SPECIALIST  
IN  
DECONTAMINATION**



**GRUPPO  
CHIMECO**  
Servizi Tecnici per l'Industria





# A GROWING NETWORK

With a constant focus on developing its business ecosystem, **CHIMECO** has cultivated specific expertise through its decades-long experience and the specialized knowledge of its technicians, who come from the OIL&GAS sector. This enables **CHIMECO** to meet all needs related to decontamination within the petrochemical industry.





# ekodeko<sup>®</sup> SERVICES

- Documentation preparation for tender bids.
- Preparation of technical proposal.
- Customized washing strategy studies.
- On-site support.
- Development of cleaning procedures.
- Efficiency recovery solutions
- Preparation of specific reports.
- Client management.





# ekodeko<sup>®</sup> DECONTAMINATION

We are capable of developing the best strategy and intervention planning to provide technical support in the decontamination of entire plants or individual equipment, even during emergency shutdowns

Our goal is to recover operational efficiency, reduce emission, minimize downtime through analysis of the intervention and meticulous selection of the most suitable chemical products.



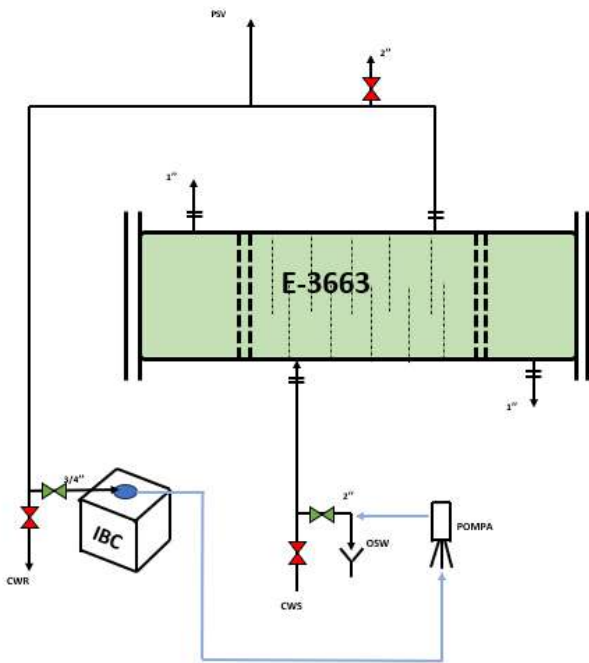
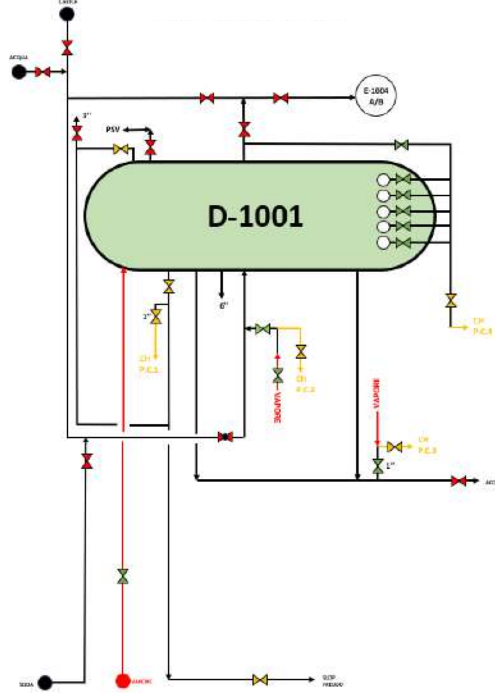
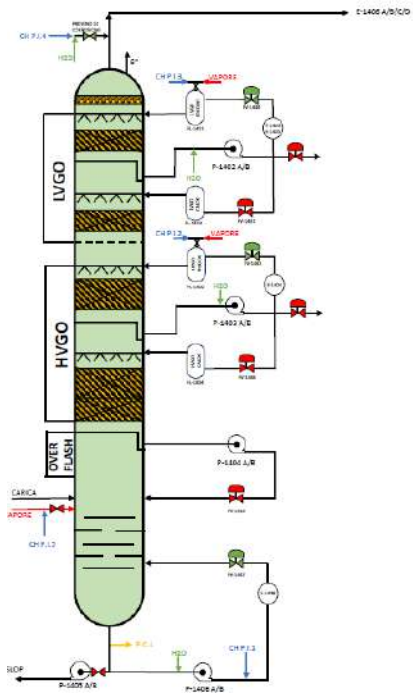


# ekodeko<sup>®</sup> PROBLEM SOLVING

With our experience gained from many of decontaminations and our background as refinery plant operators, we are able to understand and visualize every critical aspect in all the work we undertake, whether it's on paper by reviewing schematics or in the field during surveys or the decontamination process itself.

Together with the client, we can swiftly offer an appropriate solution to address any issues that arise during the work, thereby increasing the effectiveness of the intervention.





# ekodeko®

## OUR METHODS

In order to carry out a highly professional job, we develop the activity both by describing it step by step and by illustrating it graphically for a better understanding of the phases that will occur during decontamination. We show the decontamination flows phase by phase, distinguishing which valves need to be opened and which closed, in order to avoid errors even by the client, who will have a clear picture of what is happening in the plant.



# ekodeko<sup>®</sup> EFFICIENCY RECOVERY

Thanks to innovative technologies, we are able to increase and recover the efficiency of entire plants, with the aim of postponing routine maintenance and optimizing the exchange coefficient, thereby reducing the formation of physiological fouling during operation.

Specifically, we can build dosing skids for chemicals directly in line, evaluating with the client the possibility of making structural changes to the plant to optimize dosing, demonstrating short-term guaranteed energy-saving benefits and payout.



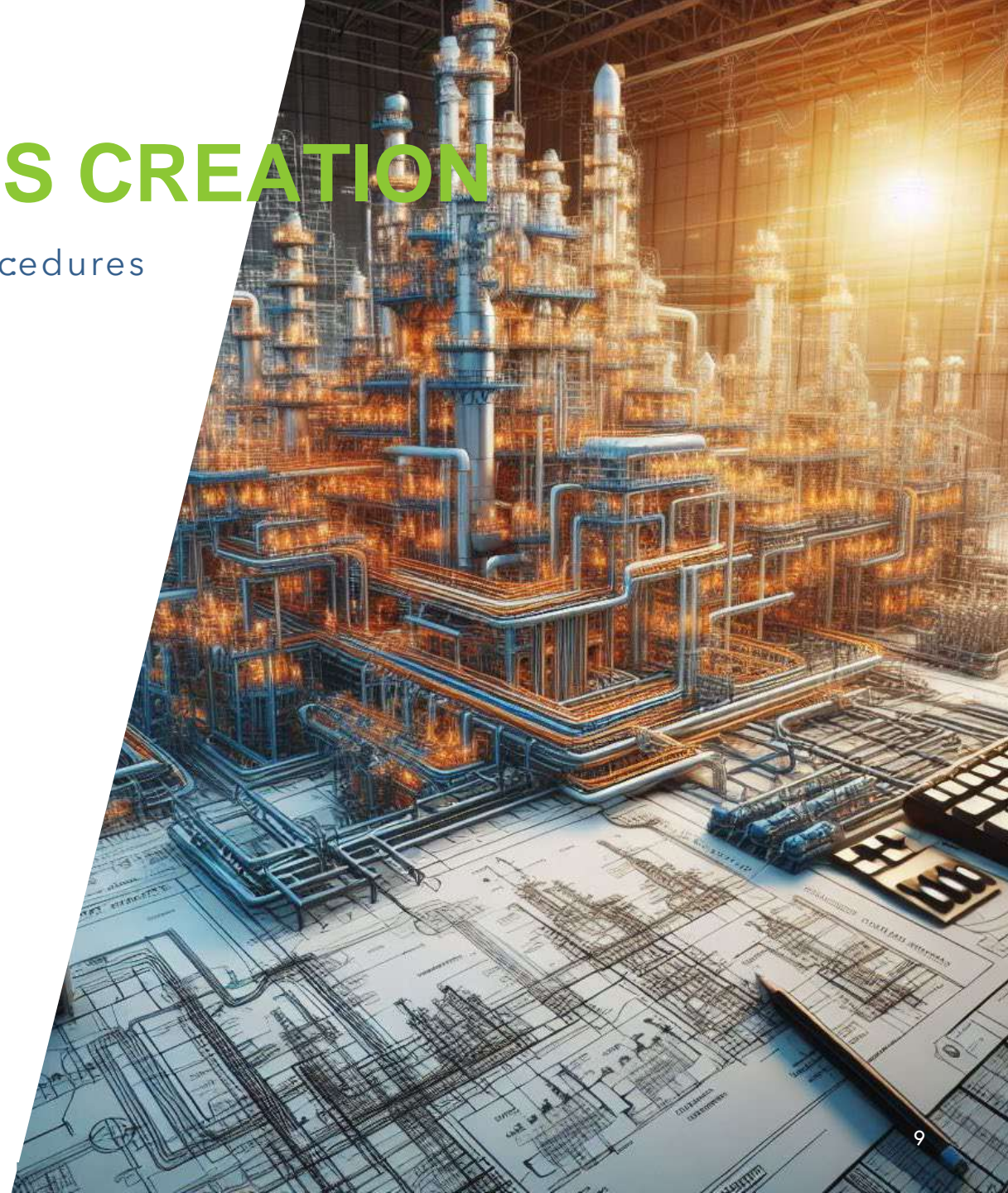


# ekodeko<sup>®</sup> PROCEDURES CREATION

**CHIMECO GROUP** is capable of producing all type of procedures

- **START-UP**
- **SHUTDOWN**
- **CLEANING**
- **FOR SPECIFIC EQUIPMENT**
- **EMERGENCY**
- **EXCLUSION**

In the development of this service, all **P&IDs** will be reviewed using **CAD system**





# ekodeko<sup>®</sup> SAFETY & ENVIROMENT

**CHIMECO GROUP** is committed to providing specialized services, pioneering solutions, and cutting-edge technologies tailored to the industrial and oil sectors.

Our fundamental pillars revolve around the keywords **SAFETY, HEALTH, and ENVIRONMENTAL AWARENESS**, all supported by a distinctive focus on **COST OPTIMIZATION**.





# THANKS

## CONTACT



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# REFERENCES

2023	JAN	Italy	Livorno	ENI	Topping, Vacuum, HD3, Furfurolo, Grezzi	GLOBAL SERVICE
2023	JAN	Italy	Priolo	ISAB	ISAB SUD: CR30, PR1, Benzine, Jet Fuel, Etilene. ISAB NORD: IGCC, CTE, TAS	GLOBAL SERVICE
2023	FEB	Italy	Augusta	SONATRACH	Vacuum	DEKO
2023	FEB	Italy	Milazzo	RAM	FCC - CDU Treno caldo - ALCHI C-309 - DEA1 - HDT	DEKO



2023	FEB	Belgium	Antwerp	EXXON	DEA	DEKO
2023	FEB	Italy	Rome	ENI	Degumming Eni Venezia	OPERATIONAL PROCEDURES
2023	MAR	Germany	Munchmunster	BAYERNOIL	HCK - CHD	CATALYST LOADING
2023	APR	Italy	Sarroch	SARAS	Pipeline BD Acid IGCC	DEKO
2023	APR	Germany	Lingen	BP	VD2 - RD2 - RD1 - KDC - VD1 - EH2 - HCC - GR3 - GR1 - EFG - AWA - HYD (ENTIRE PLANT)	DEKO
2023	APR	Greece	Elefsina	HELLENIC PETROLEUM	U3900	DEKO
2023	MAY	Italy	Sarroch	SARAS	IGCC I501 - IGCC Vessels - BD Pipeline 60" 3 Km - BD Acid - S40D1D - S40D4F - Flare	DEKO
2023	JUN	Germany	Hamburg	NYNAS	CD3 Topping Unit	DEKO



2023	JUN	Austria	Vienna	OMV	LSS	CATALYST LOADING
2023	JUL	Greece	Corinth	MOTOR OIL HELLAS	Fournace F-1101	DRY OUT
2023	JUL	South Africa	Cape Town	ASTRON	Fournaces: 4F-1X; 4F-2X; 4F-3X; 4F-4X	COMMISSIONING
2023	JUL	England	Easington	CENTRICA	Fournace H0901	COMMISSIONING & START UP
2023	AUG	Italy	Rome	SERAM	Trattamento acque	GESTIONE TRATTAMENTO ACQUE
2023	AUG	Italy	Siracusa	ISAB	ISAB SUD: CR30, PR1, Benzine, Jet Fuel, Etilene. ISAB NORD: IGCC, CTE, TAS	GLOBAL SERVICE
2023	SEP	Greece	Aspropirgos	Helpe	Vacuum plant	DEKO
2023	SEP	Germany	Hamburg	holborn	IGCC, DEA, GAS Unit, Visbreaker	DEKO

2023	OCT	England	Easington	CENTRICA	Furnace H0901	COMMISSIONING & START UP
2023	OCT	Italy	Sarroch	SARAS	IGCC	DEKO
2023	NOV	Italy	Sarroch	SARAS	Visbreaker	DEKO
2023	NOV	Italy	Livorno	ENI	Topping, Vacuum, HD3, Furfurolo, Grezzi	GLOBAL SERVICE
2023	DIC	Italy	Livorno	ENI	Topping, Vacuum, HD3, Furfurolo, Grezzi	GLOBAL SERVICE
2023	DIC	Italy	Sarroch	SARAS	Visbreaker	DEKO
2023	DIC	Croatia	Rijeka	INA	Exchanger	DEKO
2023	DIC	England	Easington	CENTRICA	Furnace H0901	COMMISSIONING & START UP