

ENGINEERING / SUPERVISION

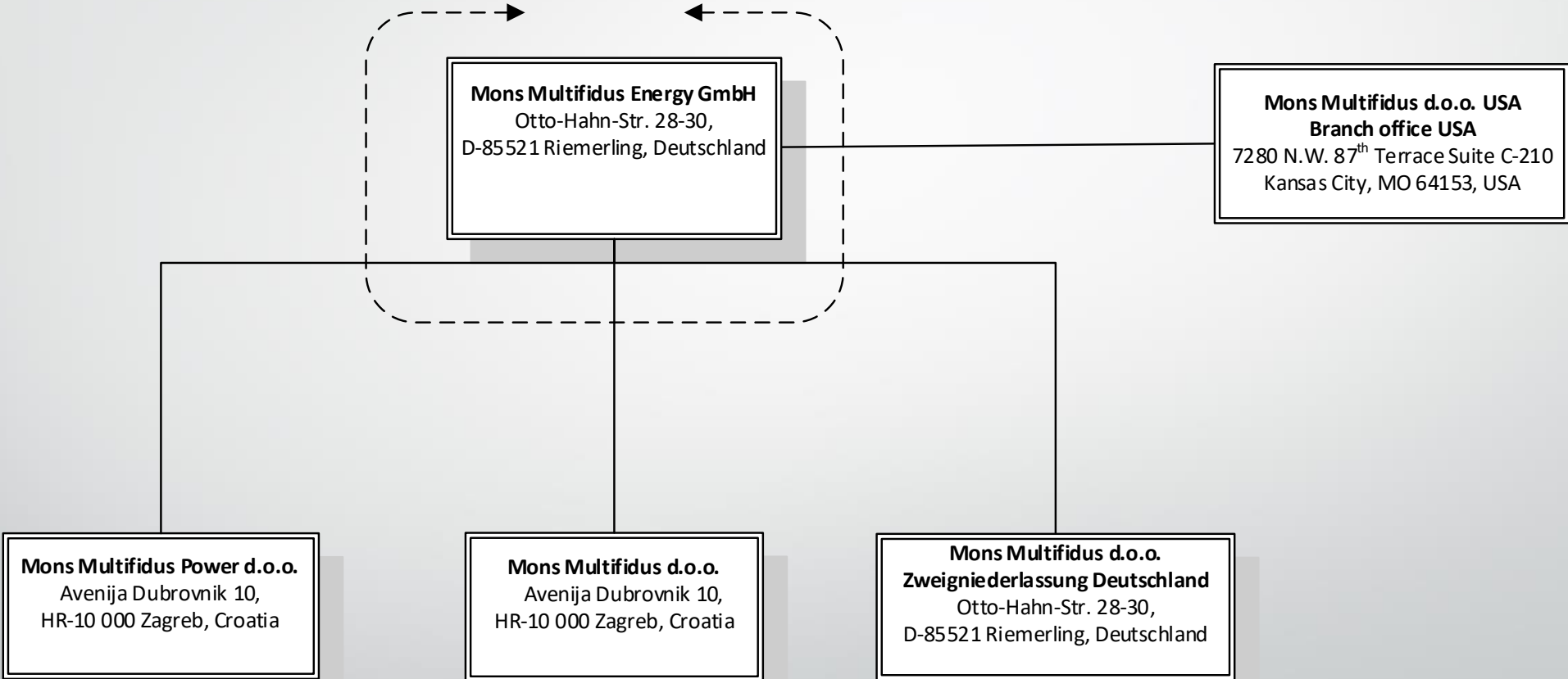
Mons Multifidus Energy GmbH

Otto-Hahn-Str. 28-30

D-85521 Riemerling

Germany

COMPANY STRUCTURE



COMPANY CERTIFICATES

- EN ISO 9001:2015
- SCC:2011 - „Safety Certificate Contractors“
- DIN EN ISO 3834-2
- Production of pressure equipment acc. to PED 2014/68/EU, Annex I, pt. 3.1 and to AD 2000 HPO sec. 3. and AD 2000 HP 100R sec. 4.2
- DIN EN 1090-1/2; EXC 3



ENGINEERING / SUPERVISING SCOPE

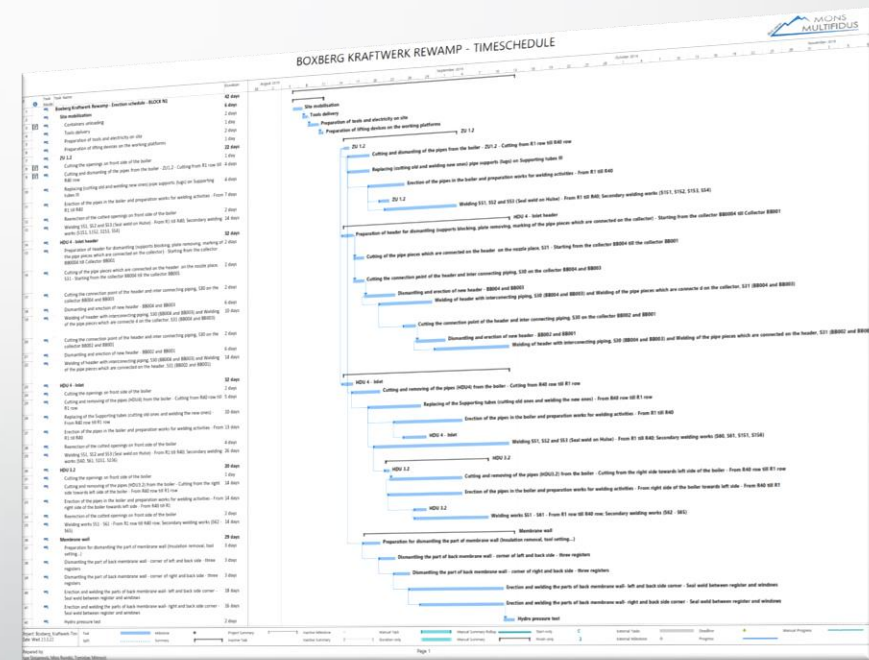
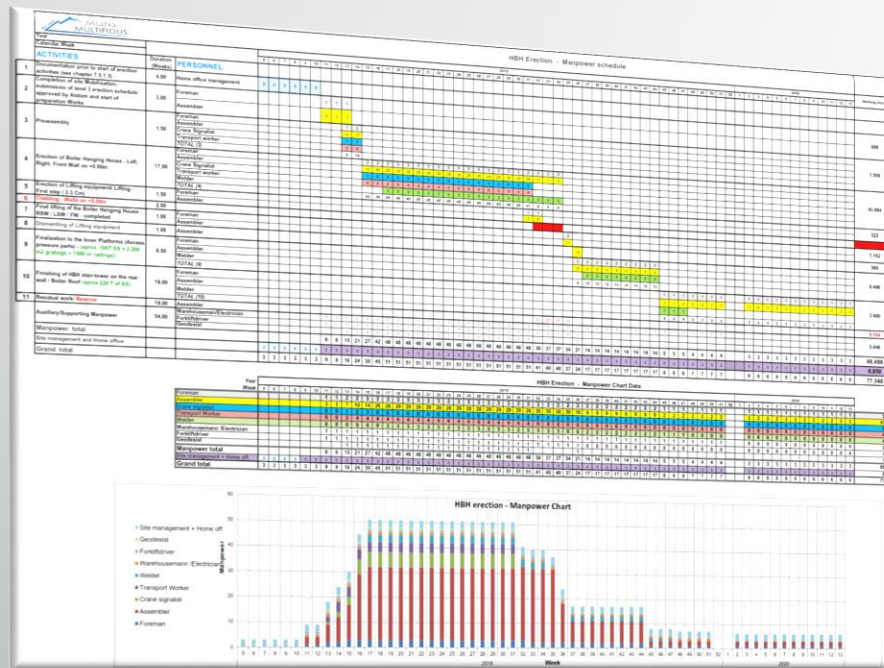
Mons Multifidus Group company is active for the last six years on the Croatian, EU and USA market working on the projects such as power plants (energy projects), petrochemical, wooden industry, various industrial plants, etc. Besides direct work force Mons Multifidus company provides project and site engineering services as well. We currently have a team of over 40 highly qualified experienced engineers consisting of project managers, site managers, welding engineers/inspectors, QA/QC engineers, planning engineers, construction designers, etc. which positions us among the most promising companies in the field of design and site management. The site engineering of Mons Multifidus is one of the strongest parts of the company itself, performing various activities, where some of the most prominent are:

- **Project management**
- **Mechanical / piping design**
- **Site management**
- **Welding management**
- **QA/QC management**
- **Logistics**

PROJECT MANAGEMENT

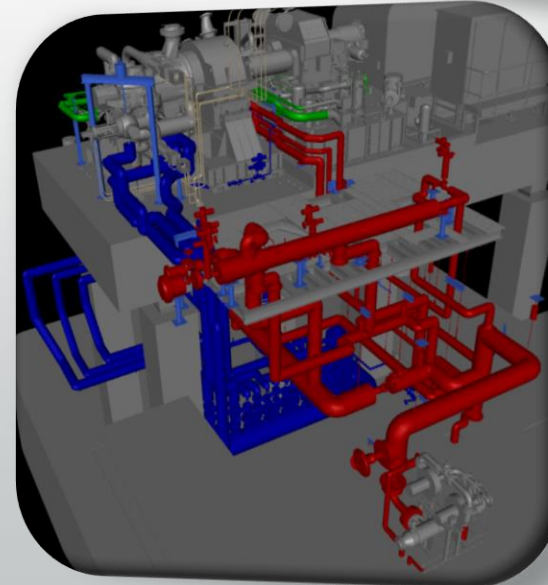
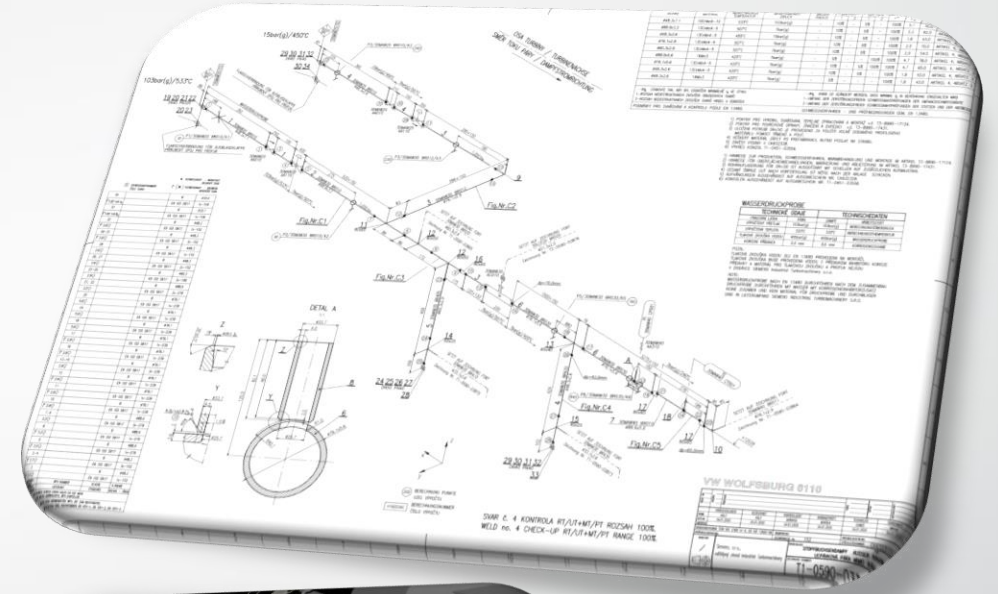
- Procurement
- Project scheduling

- Manpower management
- Cost estimation and monitoring



MECHANICAL / PIPING DESIGN

- Process plant / equipment layouts
- Rendering
- Virtual walk-throughs
- Pressure piping design
 - Aveva PDMS
- Detailed mechanical and piping design
 - Autodesk AutoCAD
- 3D modelling
 - Dassault systems Solidworks
 - Dassault systems CATIA
 - Autodesk Inventor



SITE MANAGEMENT

Manpower:

- Mechanical engineers (15 persons)
- Site engineers (12 persons)
- Site supervisors (8 persons)

Activities:

- General site organization (prefababrication / erection)
- Following and updating of time schedules
- Tracking of progress (S curves)
- Allocations of manpower
- Monitoring / supervision of executed works
- Communication and coordination with client and subcontractors
- Daily reporting and meetings
- Following / claiming of additional works



WELDING MANAGEMENT

- Preparation of WPQR's and WPS's (EN / ASME)



WELDING MANAGEMENT

- Qualifications of welders (EN ISO 9606-1, ASME sec. IX)



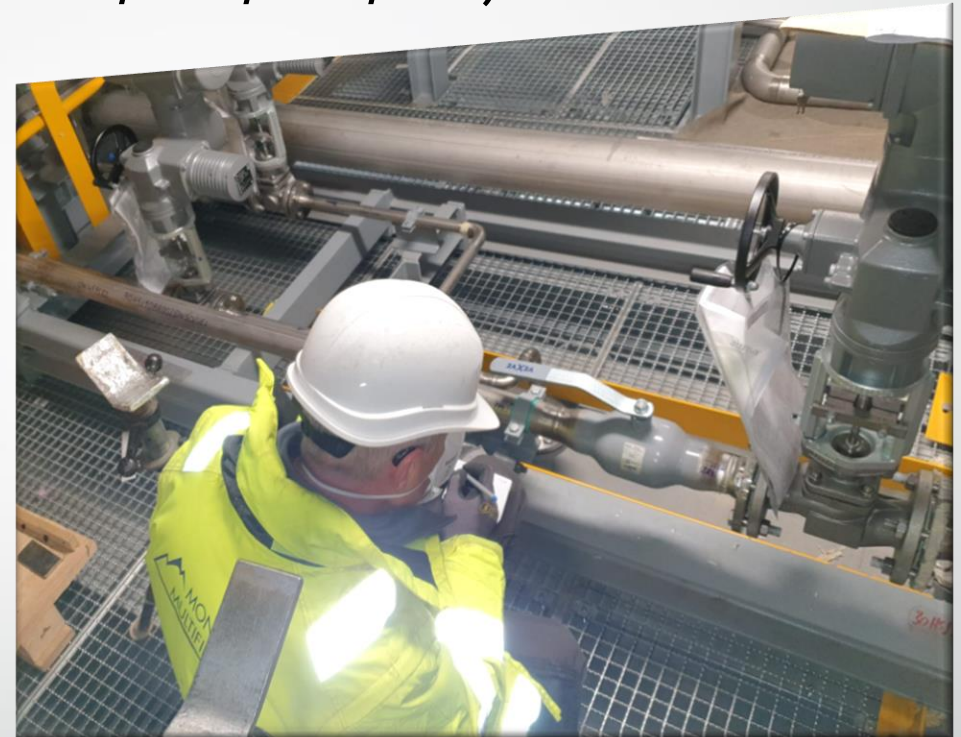
WELDING MANAGEMENT

- PWHT (planning, coordination, chart reviews, etc.)



WELDING MANAGEMENT

➤ Welding supervision on construction sites (IWIP-C / IWE / IWT / IWS)



- International welding engineers – 12 persons
- International welding technicians – 5 persons
- International welding specialists – 5 persons

WELDING MANAGEMENT

➤ NDT personnel



ZERTIFIKATS AUSWEIS / WALLET CARD

NACH EN ISO 9712 ZERTIFIZIERT / CERTIFIED ACCORDING TO EN ISO 9712



SECTORCert
GESELLSCHAFT FÜR ZERTIFIZIERUNG mbH

Methoden / methods	Stufe 1 / level 1		Stufe 2 / level 2		Stufe 3 / level 3	
	Sektor / sector	bis / until	Sektor / sector	bis / until	Sektor / sector	bis / until
ET	-	-	-	-	-	-
LT	-	-	-	-	-	-
MT	-	-	9**	26.08.2024	-	-
PT	-	-	9**	20.01.2025	-	-
RT	-	-	9**	07.12.2025	-	-
UT	-	-	9**	20.01.2025	-	-
VT	-	-	9**	20.07.2024	-	-
TT	-	-	-	-	-	-



Zertifizierte Person / certified person
nicht für Schäden, die durch Messen. Die Gültigkeit kann auch unter
is not liable for damages caused by
to be checked at www.sector-cert.com.

*Einschränkungen / limitations: **DGR/PED

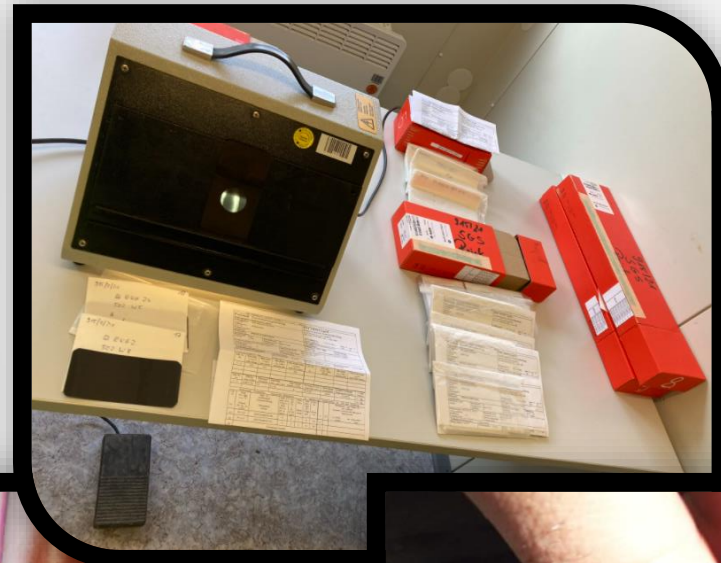
Sektoren / sectors: 1: Gusstücke / castings (Pc), 2: Schmiedestücke / forgings (Pf), 3: geschweißte Produkte / welds (Pw), 4: Röhre und Rohrleitungen / tubes and pipes (Pt), 5: Walzzeugnisse / wrought products (Pwp), 6: Metallherzeugung / metal manufacturing (Im), 7: Anlagentechnik und -bau / pressure vessels (Pv), 8: Dienstleistung bei Fertigung und Instandhaltung, eingeschlossen Herstellung / pre- and in-service testing which includes manufacturing (Is), TT: PB: Bau / Buildings, PE: Elektrotechnik / electrical installations, Pt: Industrie / industrial applications, PA: Aktiv / active MA: Allgemeine Anwendung (Grundlagen) / general application (fundamentals)

VT₁₊₂ – 12 persons
 PT₁₊₂ – 12 persons
 MT₁₊₂ – 5 persons
 RT₁₊₂ – 5 persons
 UT₁₊₂ – 2 persons



WELDING MANAGEMENT

➤ NDT execution



QA/QC MANAGEMENT

- Creation / Implementation of quality management systems

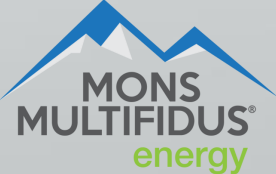


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QA/QC MANAGEMENT

➤ Quality control supervision



QA/QC MANAGEMENT

- Production records
- Document management (as builts, pipe book / welding map, heat numbers traceability)

The image displays a comprehensive QA/QC management system for piping. It includes a piping layout diagram with numbered callouts (1-33) corresponding to the parts list. The parts list table provides detailed specifications for each component, including material, dimensions, quantity, and heat numbers. The technical certificate provides a detailed inspection report for the piping system, including the inspector's name, date, and results.

Nr.	POSK	DIAMETRI	QUANTY	HEAT NR.	CERTIFICATE NR.	HEAT CERTIFICATE NR.
7	Stainless steel concentric reducer, EN 10253-4	Ø60.3/33.7x2	1.4307	18092	1879263	545096/002
8	Stainless steel concentric reducer, EN 10253-4	Ø88.9/60.3x2	1.4307	18092	1848289	545096/002
9	Stainless steel reducer, EN 10253-4	Ø114.3/60.3x3	1.4307	S001	1909501	824094/003
10	Stainless steel reducer, EN 10253-4	Ø114.3/88.9x3	1.4307	80504	1909502	801704/001
11	Stainless steel reducer, EN 10253-4	Ø114.3/88.9x3	1.4307	003022	1909503	20K000455-01
12	Stainless steel elbow, EN 10253-4	Ø21.3x2	1.4307	75316	1765988	80162152-01-10
13	Stainless steel elbow, EN 10253-4	Ø33.7x2	1.4307	1018336	1891827	80167862-01-10
14	Stainless steel elbow, EN 10253-4	Ø60.3x2	1.4307	534765	1930118	80165173-01-50
15	Stainless steel elbow, EN 10253-4	Ø88.9x2	1.4307	422052	1827230	80164946-01-110
16	Stainless steel flange, EN 1092-1, NP16, type 05	DN25	1.4307	524032	1906766	20703781-3
17	Stainless steel flange, EN 1092-1, type 05/B1, PN10/16	DN50	1.4307	E190246	1906762	20703781-4
18	Stainless steel flange, EN 1092-1, type 05/B1, PN40	DN50	1.4307	546776	1906763	20703781-5
19	Stainless steel flange, EN 1092-1, type 05/B1, PN40	DN80	1.4307	548354	1906765	20703820-1
20	Stainless steel flange, EN 1092-1, type 11/B1, PN40	DN25	1.4307	113261	1765200	12/75023383/2
21	Stainless steel flange, EN 1092-1, type 11/B1, PN16	DN50	1.4307	CH-11213	1866090	EXP/01632-01/19-20
22	Stainless steel flange, EN 1092-1, type 11/B1, PN40	DN50	1.4307	56972	56972	12/75024374/21
23	Stainless steel flange, EN 1092-1, type 11/B1, PN40	DN80	1.4307	112849	1906764	12/1056628/23
24	Stainless steel flange, EN 1092-1, type 11/B1, PN40	DN80	1.4307	113354	1906767	12/1059276/10
25	Stainless steel flange, EN 1092-1, type 11, PN40	DN80	1.4307	CH-8067	1906761	EXP/00562-11/2018-19
26	Stainless steel T-fitting, EN 10253-4	Ø60.3x60.3x3	1.4307	0452153	1900791	523 / 20
27	Stainless steel T-fitting, EN 10243-4	Ø114.3x114.3x4.5	1.4307	1008631	1900792	T80368010
28	Stainless steel welded tube, EN 10217-7	Ø21.3x2.0	1.4307	140143	1873351	412-218492
30	Stainless steel welded tube, EN 10217-7	Ø60.3x2.0	1.4307	458770	1891851	0000648268
31	Stainless steel welded tube, EN 10217-7	Ø88.9x2.0	1.4307	508190	1885386	646367
32	Stainless steel welded tube, EN 10217-7	Ø219.1x2.6	1.4307	203742	1903599	412-222438
33	Stainless steel flange, EN 1092-1, type 11/B1, PN40	DN50	1.4307	112898	112898	12/1057185/13

LOGISTICS

➤ Material handling

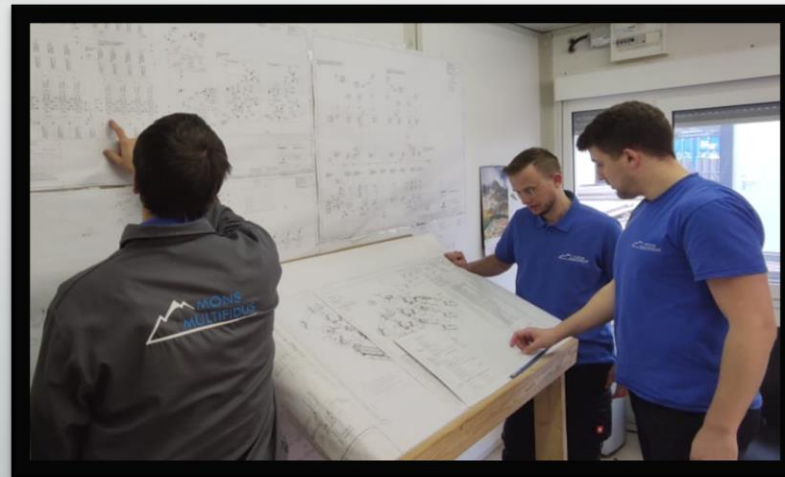
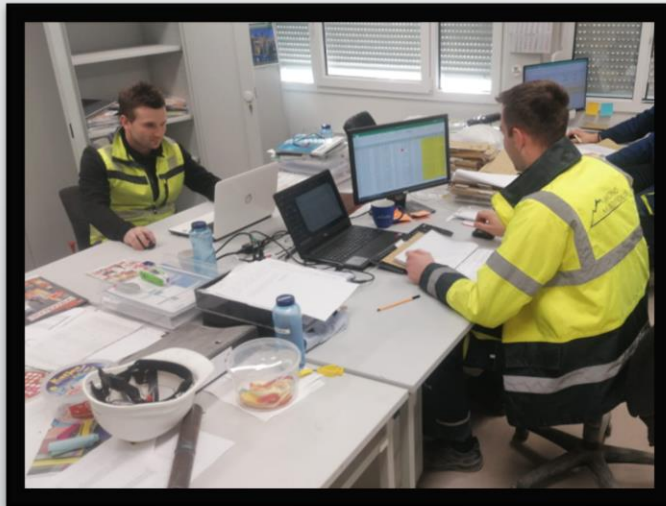


LOGISTICS

- Scaffolding management (coordination and supervision)
- Transports and lifting activities (lifting plans, special transport planning, method statement etc.)



GALLERY



Thank you for your attention!

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