

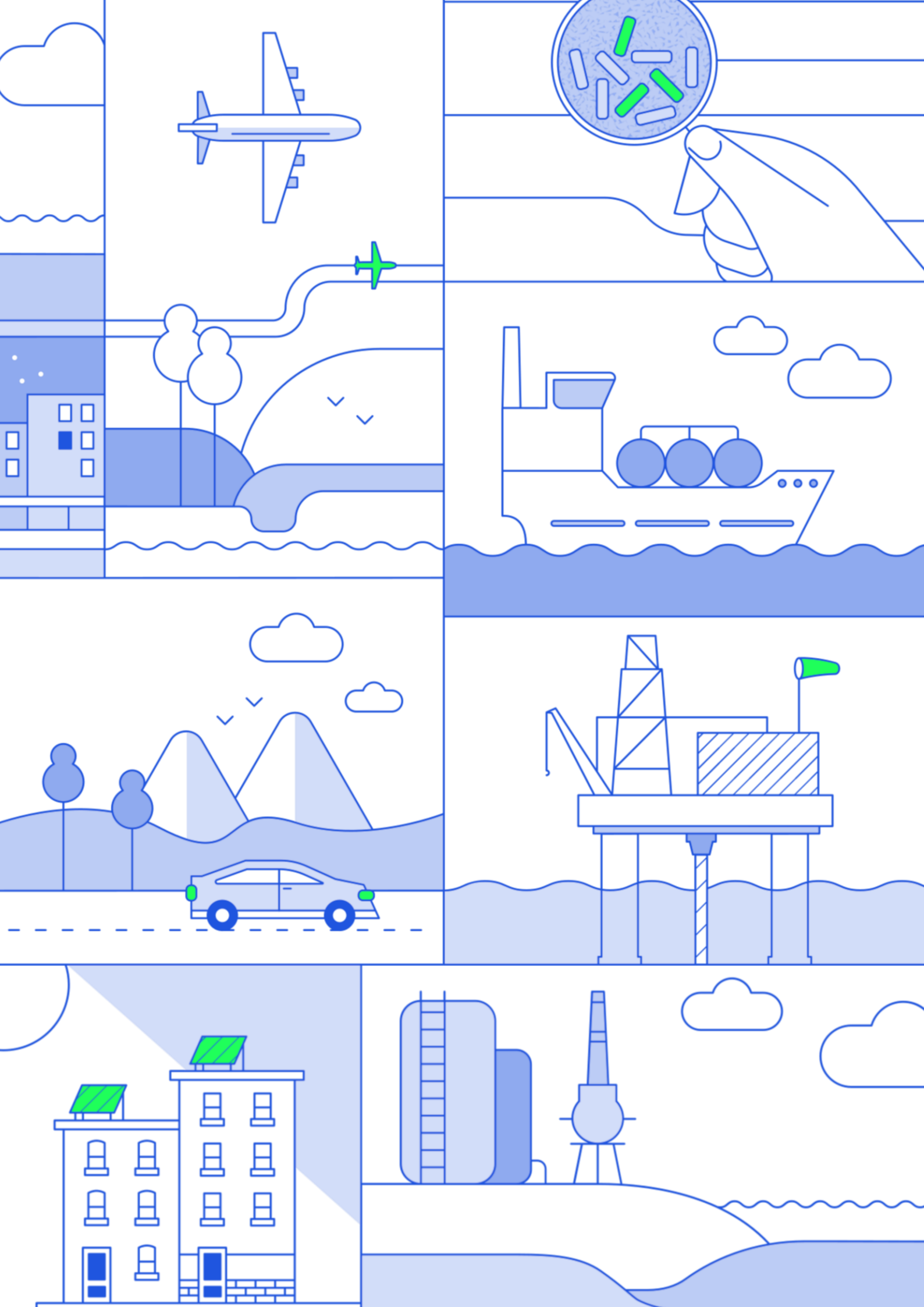


OMV



TECH Center & Lab Service Catalogue

Cross-functional expertise and laboratory solutions
for the entire lifecycle of energy projects





Contents

1 From vision to solutions

2 Guiding principles

3 Expertise highlights

3.1 We enable geothermal energy

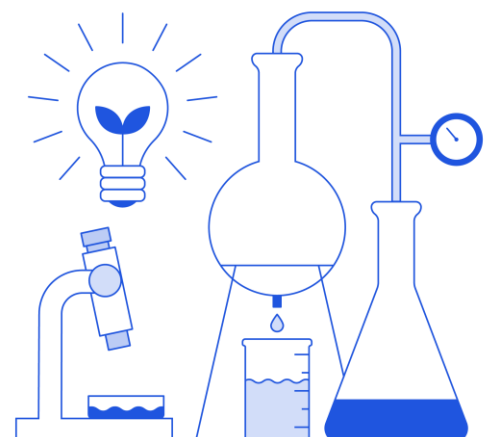
3.2 We advance CO₂ capture and storage

3.3 We progress new energy systems and storage solutions

3.4 We leverage decades of classic energy expertise

4 Service catalogue

5 Contacts



1 From vision to solutions

The TECH Center & Lab delivers tailor-made laboratory solutions, cross-functional expertise, and applied R&D for the full lifecycle of hydrocarbon and renewable energy projects. Building on 70 years of experience, we provide science-based insights and innovative solutions that optimize performance, reduce risks, and create long-term business value.

Our expertise and focus areas:



Geoscience

- geoscience core & cuttings studies
- geological analogue & outcrop studies
- inorganic geochemistry
- advanced microscopy & solids analytics
- OMV core storage (geological sample storage)



Reservoir

- HPHT* PVT** fluid behaviour analyses
- HPHT* live fluid analyses
- petrophysics (RCA°, SCAL°°)
- thermophysics
- fluid-media interactions
- (chemical) enhanced HC^ recovery



Chemistry

- water, gas & oil analytics
- flow assurance & scale mitigation
- microbiological assessment & control
- production chemistry
- process safety
- emission monitoring



Materials

- material selection & specifications (metals/ plastic)
- corrosion management
- production chemical selection
- material failure analyses
- inspections & audits

*HPHT: high pressure (1000bar) high temperature (200°C)
** PVT: pressure-volume-temperature

°RCA: routine core analyses
°°SCAL: special core analyses

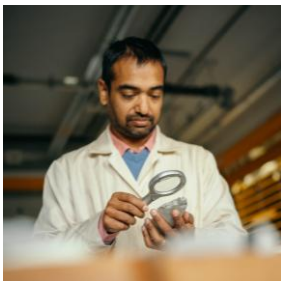
^HC: hydrocarbon



2 Our guiding principles

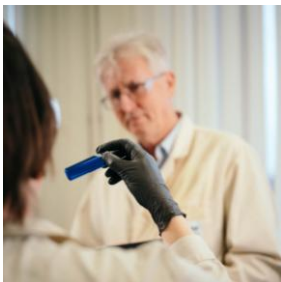


At the TECH Center & Lab our guiding principles are the foundation for how we operate - our compass for delivering accurate, reliable and fit-for-purpose technical solutions.



Accuracy & quality

- adhering strictly to HSSE industry standards
- rigorously managing our processes and methods
- participation in round-robin tests
- ISO 9001:2015 certified quality management



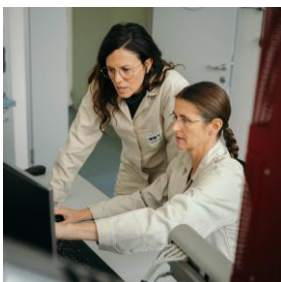
Experience

- international team covering more than 20 technical disciplines
- seven decades of experience and knowledge transfer
- unique combination of laboratory and operational expertise
- leveraging traditional energy expertise to drive renewable projects



Innovation

- applied R&D and technology implementation for renewable energy
- more than 15 journal and conference publications per year
- continuous development of methods, new technologies & equipment



Collaboration

- cross-functional expertise for maximum value creation
- collaborations across company divisions, industry and academia
- technical trainings and workshops
- integrated hands-on contribution from idea to field implementation



3.1 We enable geothermal energy



The TECH Center & Lab delivers integrated expertise and tailor-made laboratory support for geothermal projects. Our services cover critical aspects of exploration, testing, production and operational monitoring.

Value for geothermal projects

- ✓ Better reservoir decisions backed by real subsurface data
- ✓ Stable injectivity and predictable long-term flow
- ✓ Accurate lab and field data for planning and CAPEX decisions
- ✓ Prevention of scaling, corrosion and biofouling
- ✓ Optimized heat extraction and operational efficiency
- ✓ Material reliability in harsh geothermal fluids (e.g. H_2S , organic acids)



TECH Center & Lab Service Catalogue | 8



© Zinner/Wien Energie

MoFlow^{GT} Geothermal Field Lab: Your partner for smarter and reliable geothermal operations

When injectivity drops, scaling builds up, or materials start to fail, every delay costs time and money. The **OMV MoFlow^{GT} Geothermal Field Lab** provides a flexible, containerized lab solution that can be tailored to specific scopes and deployed directly to client sites, enabling live, **on-site testing in real geothermal environments**.

Solutions are tested under authentic geothermal conditions — not just in theory, but in practice. We help to safeguard injectivity through live core flood experiments, confirm scale prediction models and inhibitor performance for long-term reliability, and validate material durability under high-pressure, high-temperature conditions. Microbiological risks are addressed by assessing potential impacts and defining suitable mitigation strategies to ensure integrity and flow.

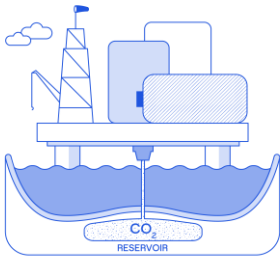
Our clients gain proven insights and actionable results that keep geothermal assets performing at their best. **Contact us for a tailor-made offer.**



Our geothermal capability highlights

- **Subsurface characterization** from cores, cuttings and fluids
- **Rock strength** & reservoir integrity (**CoreDNA**)
- Fluid-rock interaction & **injectivity testing** via core flood tests
- **Geochemical & microbiological risk assessment** and mitigation
- Thermal conductivity testing to quantify **heat flow** and long-term reservoir performance
- Reliable facility design data from PVT via **phase-behaviour studies**
- **Flow assurance studies** addressing inorganic scaling, heat extraction and injectivity loss
- **Material qualification & corrosion testing** for high pressure/temperature geothermal fluids (incl H₂S, organics)
- **Real-time field support** via live fluid testing and operational monitoring

3.2 We advance CO₂ capture and storage

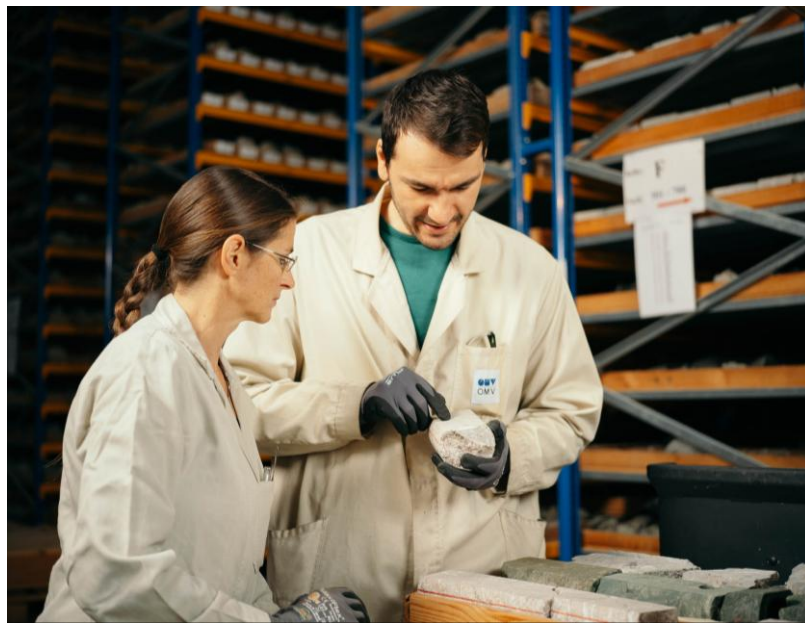


Our cross-functional services support the full CCUS* value chain, from CO₂ capture and transport to storage and utilization. Through reliable data, advanced monitoring, and technology development, we reduce uncertainty and enable safe, cost-efficient, and compliant CCUS operations.

Value for CCUS

- ✓ Confident site selection & caprock integrity assessment
- ✓ Reliable prediction of CO₂-rock/cement interaction and containment
- ✓ Accurate data for plume modelling & assessment of trapping mechanisms
- ✓ Data-driven optimization of CO₂ capture processes & utilization pathways
- ✓ Controlled transport, injection behaviour and storage performance
- ✓ Robust material selection and corrosion control
- ✓ Increased operational safety and long-term storage reliability

*CCUS: carbon capture, utilization and storage



Multi-Sensor Core Logging Technology: From core data to CO₂ storage confidence

We deliver **fully integrated rock characterization** using the **Epslog CoreDNA scratch test system**, combining geomechanics with advanced petrophysical and geochemical data.

Continuous measurements of rock strength (UCS), sonic velocities (Vp/Vs), permeability, grain size and elemental composition (XRF) are complemented by ultra-high-resolution visual and UV imaging. Combined with our expert technical interpretation, this results in an **integrated dataset that enables:**

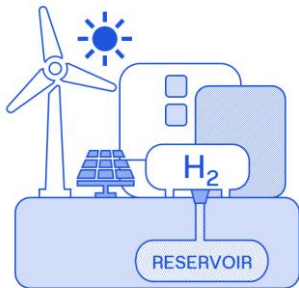
- ✓ Accurate reservoir & **geomechanical modelling**
- ✓ **Detailed lithology** and facies interpretation
- ✓ Reliable **caprock & seal integrity** evaluation
- ✓ **Drilling** and CCS workflows



Our CCS capability highlights

- **Reservoir & caprock characterization** for CO₂ storage sites (core/cutting studies & CoreDNA)
- CO₂-rock interaction, injectivity and storage performance assessment via **core-flood testing**
- **CO₂ stream characterization** & capture-relevant fluid analysis
- **CO₂ impurities & phase behaviour** studies (PVT) for CO₂ waste streams
- **Flow assurance** & scale control in CO₂ systems
- **Material qualification & corrosion testing** for CO₂-rich environments and supercritical CO₂
- Technical **material manufacturer audits**
- **Geochemical evaluation** & reactive transport
- **Monitoring & field support** for storage operations

3.3 We progress new energy systems and storage solutions



We support emerging energy systems, from hydrogen production and storage to biofuels and biogas applications. Through advanced laboratory testing, material and technical expertise, we help clients assess performance, understand risks and optimize reliability across complex value chains.

Value for new energy systems

- ✓ Controlled H₂ production and flow assessment across systems
- ✓ Full lab characterization of H₂ storage systems
- ✓ Optimal material selection for H₂ and renewable liquids/ gas
- ✓ Solids and deposit characterization for performance troubleshooting across upstream and downstream facilities
- ✓ Enable re-purposing of refining assets through bio-feedstock corrosion and material compatibility assessment



Ensuring material integrity in challenging energy environments

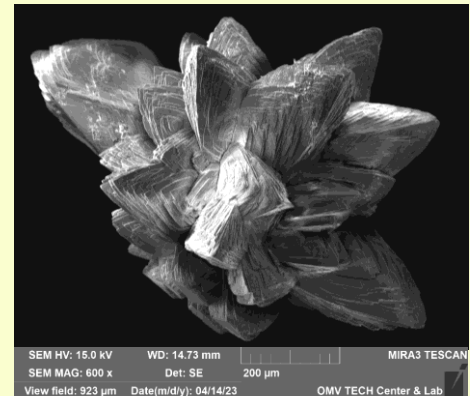
We test material performance under **realistic operating conditions** from high-pressure/high-temp. electrochemistry to long-term autoclave testing. We assess the corrosivity of complex fluids and bio-feedstocks, enabling **targeted inhibitor selection**. Our **ad hoc material failure analysis*** identifies root causes, defines mitigation and helps prevent costly downtime.



*for Upstream & Downstream facilities

Solids Analytics: solving complex deposits across energy systems

Our experts combine chemistry, geology, materials science, microbiology and engineering to **understand complex solid deposits — from organic to inorganic**. Using **advanced analytics** (e.g. XRF, XRD, SEM, Raman), they identify root causes of scaling, plugging and biofouling to **resolve issues and improve performance across facilities and subsurface systems**.



Our capability highlights for new energy systems

- **Material testing & corrosion qualification for upstream & downstream renewable energy** (H₂, feedstock, biogas, biofuels)
- **Solids characterization and mitigation** for organic & inorganic deposits/scale, carbon, etc.
- **Microbiological assessment & mitigation** (H₂ & renewable liquids biofouling, storage risks, etc.)
- **Targeted fluid, gas & impurity analysis** for H₂ and renewable energy systems
- **Reservoir & seal characterization** for H₂ storage
- **H₂ storage & injectivity behaviour**: diffusion, reactivity and geochemistry; H₂ core floods
- **High-pressure/high-temperature H₂ live fluid analysis, PVT and phase behaviour**

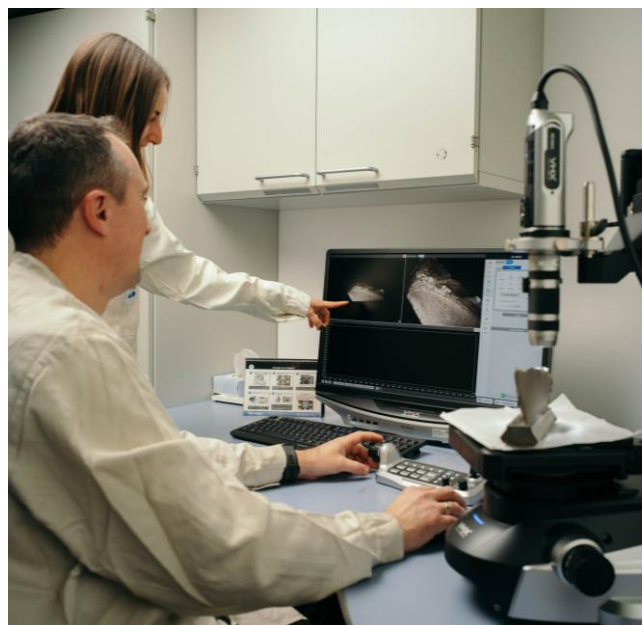
3.4 We leverage decades of classic energy expertise



With over seven decades of oil and gas experience, we combine proven expertise with advanced laboratory capabilities to optimize production, safeguard integrity and ensure reliable operations across upstream and downstream assets.

Value for conventional upstream & downstream

- ✓ Optimize production chemicals and materials for long-term performance
- ✓ Ensure flow assurance and stable operations across facilities
- ✓ Protect assets from corrosion, scaling and degradation risks
- ✓ De-risk exploration & maximize production via accurate reservoir and fluid data
- ✓ Enable reliable reservoir management and fast operational decisions
- ✓ Maximize recovery and extend field life with chemical EOR solutions
- ✓ Resolve complex operational issues through expert troubleshooting



Integrated technology testing & field validation: advancing technology readiness under real operating conditions

At Gänserndorf, Austria, we combine a **fully integrated technology ecosystem**, linking laboratory capabilities with onshore oil & gas and renewable operations. As **OMV's upstream technology hub**, we **enable the progression of technologies from controlled lab testing to real field deployment**, supporting **TRL* advancement** under realistic onshore conditions before scaling (e.g. offshore).

Backed by **decades of expertise in enhanced oil recovery (cEOR°)**, **gas recovery** and **water management**, we provide integrated field and laboratory services, from **live-field-testing via tailor-made onsite labs to advanced analytics and operational support**. This enables us to de-risk innovations, ensure performance and accelerate implementation.

Robust contractual and legal frameworks are used to protect client interests. Contact us to jointly define a tailor-made scope and offer.



*TRL: technology readiness level; °cEOR: chemical enhanced oil recovery

Our oil & gas capability highlights

- **Operational troubleshooting & ad-hoc material failure analysis** (upstream & downstream)
- **Production chemistry optimization & tailored chemical selection/dosage specification**
- **Organic & inorganic flow assurance** (wax, paraffin, asphalt., silica/calc. modeling & mitigation)
- **Material selection & corrosion mgmt** for complex production systems (incl. CO₂ & H₂S)
- **Rapid, tailor-made fluid & chemical analytics** for operational decision support
- **Injectivity and formation damage assessment via live fluid testing & field-validation**
- **EOR selection, testing & operational monitoring**
- **Analytical support for water management and treatment** across production systems
- **PVT and phase behaviour analysis** for multiphase hydrocarbon systems (incl. H₂S)
- **Integrated subsurface characterization** from cores, cuttings and advanced analytics

4 Service catalogue



Geoscience - Core & Cuttings Technologies (EOT-C)

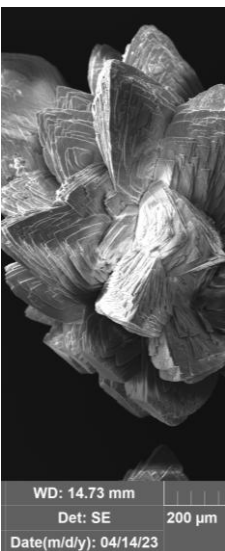
Main contact: Wolfgang Hujer (Wolfgang.Hujer@omv.com)

Topic	Description	Provided Services	Equipment	Expertise
	Focus & Value	Technical Details	Specifications & Methodology	EOT-C EOT-R EOT-Y EOT-M
1. Core & drill cuttings transport and storage				
	We centrally store over 40km of rock samples and thousands of drill cuttings from OMV's worldwide operations since 1930. These samples are essential for any subsurface study.	assistance to organize transport from any location including customs support & return		●
		packing assistance in accordance with shipment regulations		●
		sample unpacking and safe storage under stable environmental conditions	OMV E&P GmbH Core Storage, Gänserndorf Austria	●
		core and cuttings display and lay-out upon client request		●
2. Core, cuttings and porous media sampling & processing				
	Rock samples form the foundation for detailed subsurface laboratory analyses and evaluations. We offer customized sampling programs that are tailored to specific analytical requirements and meet both customer needs and scientific best practices.	core cutting (1m) and slabbing	ScanDia Core Cutting	● ●
		core sample acquisition - whole core & core plugs (1.5", 3", 5") and further sizes on demand	ScanDia Core Plugging machine & two discs cutting machine (BrotLab)	● ●
		drill cuttings sample preparation	macroscopic pre-screening and sorting	●
		core/ cuttings sample cleaning and extraction (see details in service #9 Petrophysics)	hot solvent cleaning setup, Dean Stark setup, Immersion Soxhlet setup	● ● ●
		special preservation of cores	wax coating, freezing	● ● ●
		management and QC of external core & cuttings sampling performed in a 3 rd party lab		●
		petrographic thin sections (standard and hot shot)	G&N MPS2 R300 CV and hand-polishing	●
		polished thin sections for scanning electron microscopy	Bühler AutoMet 250	●

All listed services are equally applicable to both classic oil & gas and renewable energy projects, unless stated otherwise.



Topic	Description	Provided Service	Equipment	Expertise			
	Focus & Value	Technical Details	Specifications & Methodology	EOT-C	EOT-R	EOT-Y	EOT-M
3. Core program planning & coring execution support							
	We support you during the well planning and execution phase when cores or sidewall cores are taken during drilling operations.	develop "core analysis program" with customer (well-site, petrophysics and laboratory)		●	●		
		select and manage vendors and stakeholders (internal and external)		●	●		
		manage and supervise program execution		●	●		
		QA/QC work by external vendors		●	●		
4. Geoscience core analytical packages							
	We provide comprehensive geoscience studies based on cores, sidewall cores and field samples. Our expertise covers all geological lithotypes. Outcomes help to de-risk wells, refine well log interpretation, define a formations' age, bio-stratigraphy, a depositional environment or confirm reservoir and seal quality and suitability for injectivity and storage.	define analytical scope with client		●			
		core processing, documentation - reorientation, imaging (white/UV), spectral core gamma & density	white and UV-light photography, spectral core gamma logger	●			
		combined geomechanical (UCS)/ geochemical (XRF)/ acoustic/ permeability core logging	Epslog Wombat core analyzer Core DNA ("Scratch test")	●	●		
		core sampling	see service #2	●	●		
		routine core analyses (RCA) and special core analyses (SCAL)	see service #9	●	●		
		siliciclastic sedimentological core description (focus: reservoir, seal, (bio)strat, structures, etc.)		●			
		carbonate sedimentological core description (micro-facies, reservoir, seal, (bio)stratigraphy, structures, etc.)	EasyCore, WellCAD or Strater and integration to Techlog/ Petrel modeling package	●			
		crystalline /basement core description (focus: reservoir, seal, mineralogy, structures, etc.)		●			
		XRD-XRF package: quantitative bulk and clay mineralogy and geochemistry	Epsilon 3XLE Spectrometer (XRF), Bruker X-Ray Diffractometer (XRD)	●		●	
		core petrographic analyses using thin-section and scanning electron microscopy (SEM)	Leica Polarized Light Microscope, Tescan Mira 3 SEM incl. EDX & CL	●			
		core petrographic analyses focus fracture and structural geology		●			
		report package and integration	Techlog/ Petrel	●			
5. Geoscience drill cuttings analytical packages							
	Drill cuttings offer essential subsurface data when cores are unavailable. The TECH Center & Lab developed a unique process to extract a maximum of information from drill cuttings. Projects include offset well studies for exploration and business development, post-drilling analyses to evaluate well results and production zones, as well as microfacies and stratigraphy studies	define analytical scope with client		●			
		macroscopic pre-screening and sample selection for washing		●			
		cuttings washing, sieving and special preparation	special for OBM/ salt; carbonate staining	●			
		macroscopic description and permeability estimation	Leica M205A stereo-microscope; Microtrac	●			
		XRD-XRF package: quantitative bulk and clay mineralogy and geochemistry, grain density calc.	Epsilon 3XLE Spectrom. (XRF), Bruker X-Ray Diffractometer (XRD)	●		●	
		chemical GR: measuring K, U and Th to calculate a spectral GR of cutting samples	RT-50 nuclide analyzer	●			
		cutting petrography using thin-sections: lithology, lithostratigraphy, reservoir	Leica Polarized Light & Tescan Mira 3 Scanning Electron Microscope	●			
		report package and integration with customer into software	Strater, Techlog/ Petrel	●			

Topic	Description	Provided Service	Equipment	Expertise			
	Focus & Value	Technical Details	Specifications & Methodology	EOT-C	EOT-R	EOT-Y	EOT-M
6. Live stratigraphy support for drilling operations (24-7 thin sections)							
	We provide tailor-made 24h petrographic thin section support for any drilling operation in challenging environments (carbonates, crystalline rocks) to assist with critical decisions on e.g. casing setting depth, exploration concept verification and definition of stratigraphy.	wellsite sample pick-up and transport (in-house: Austria; Europe via vendor at cost)		●			
		sample processing and thin section preparation	Bühler AutoMet 250, G&N MPS2 R300 CV	●			
		cutting petrography (thin section analyses) with focus on stratigraphy and microfacies (define age)	Leica Polarized Light Microscope, UV light	●			
		additional special analytics (MICP, fluid analyses, fragment analyses)	MICP Micromeritics Autopore, Gas Chromat., SEM/ light microscopy	●	●	●	●
7. Inorganic geochemical testing, modelling & reactive transport							
	The TECH Center & Lab conducts inorganic geochemical modeling based on laboratory testing under subsurface conditions. The results of this service are critical for evaluating the long-term suitability of reservoirs for storage (H ₂ , CO ₂), injection, geothermal production and enhanced recovery methods.	define tailor-made analytical program with customer input data verification (brine composition)		●			
		perform fluid-material/rock interaction tests as basis for calibration and modeling	long-term autoclave/ bioreactor tests and core floods at subsurface conditions (HPHT)	●	●	●	●
		geochemical modeling (thermodynamic, kinetic & reactive flow model)	PHREEQC+, ToughREACT	●		●	
		outcome interpretation and sensitivity analysis	PHREEQC+, ToughREACT	●	●	●	●
		report package and integration with customer into software (field-scale upscaling)		●	●	●	●
8. Advanced porous media & solids analytics							
	We perform advanced analytics of rock samples, cements, polymers, nanomaterials, plastics, corrosion products, biomaterials, carbon, fluid/gas stream solids, scale deposits, and more.	sample documentation		●	●	●	●
		sample preparation	polished thin section preparation, Au/ C sputtering, sample grinding, etc.	●	●	●	●
		textural & chemical analyses down to nanometer scale	Tescan Mira 3 Scanning Electron Microscope (SEM) incl. EDX & Cathodoluminescence (CL), Renishaw inVia confocal Raman Microscope	●	●	●	●
		qualitative and quantitative chemical analysis	Epsilon 3XLE Spectrometer (XRF), Bruker X-Ray Diffractometer (XRD)	●	●	●	●
		grain size distribution - for enhanced recovery, production issues/sanding etc.	sieves & laser diffraction using Microtrac Sync	●	●	●	●



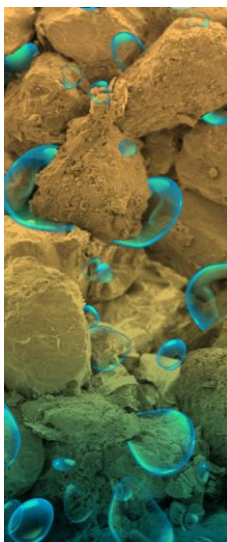
Reservoir - Reservoir Technologies (EOT-R)

Main contact: Dominik Steineder (Dominik.Steineder@omv.com)

Topic	Description	Provided Service	Equipment	Expertise			
	Focus & Value	Technical Details	Specifications & Methodology	EOT-C	EOT-R	EOT-Y	EOT-M
9. Laboratory petrophysics							
	The TECH Center & Lab performs cleaning and extraction of porous sample material and further petrophysical analyses to determine pore space, pore throats, sample permeability and other physical properties like thermal conductivity. Analyses are often run before and after coreflood & autoclave tests to analyze fluid-media interaction like potential precipitation & dissolution.	sample cleaning and extraction	Hot Solvent Cleaning, Dean Stark, Immersion Soxhlet	●	●	●	●
		Routine Core Analyses (RCA: He porosity, permeability to N ₂ (35bar), Klinkenberg corrected)	automated RCA setup (manufactured 2022)	●	●	●	
		Special Core Analyses (SCAL: MICP, drainage & imbibition, pore throat radii)	Micromeritics Autopore MICP	●	●		
		thermal conductivity measurements	FOX 50 Heat Flow Meter	●	●	●	●
		Archie: formation factor, cementation factor/ exponent, excess conductivity screening (CEC, BQv)	tailor-made Archie core flood setup		●	●	
		spontaneous imbibition & drainage	Amott cells		●		
		shale recovery tests and shale accretion tests	OFITE roller oven		●		
		CT and μ CT-scanning for digital rock physics (in collaboration with external partner)	planning, logistics & data integration; scans at cost	●	●		
10. Complex fluid analyses							
	We leverage decades of expertise in fluid rheology and fluid-fluid interaction analysis. We offer product performance testing, qualification, and selection - supporting chemical Enhanced Oil Recovery (cEOR) projects, drilling and well completion.	filtration, rheology-viscosity	Malvern Rheometer, Teledyne ISCO Fraction Collectors, etc.		●	●	
		contact angle measurements	DataPhysics OCA 25		●		
		interfacial tension analyses	Krüss Spinning Drop Tensiometer SDT		●		
		phase behaviour experiments	monitor emulsion stability of polymer-oil solutions over time		●	●	
		screening, qualification and optimization of polymers and chemical slugs for EOR		●	●	●	●

Topic	Description	Provided Service	Equipment	Expertise					
	Focus & Value	Technical Details	Specifications & Methodology	EOT-C	EOT-R	EOT-Y	EOT-M		
11. PVT sample validation and fluid characterization									
	At the TECH Center & Lab, we ensure high-quality data through a comprehensive sample validation process, providing a reliable foundation for PVT phase behaviour analysis. Our gas and liquid compositional analyses enable detailed fluid characterization and accurate hydrocarbon qualification.	fluid sample QA/QC	opening pressure, water drain		●				
		single stage flash, GOR/GCR determination	automated gasometer		●				
		gas compositional analysis	flash gas analysis (C1-C10, N ₂ , H ₂ , CO ₂ , H ₂ S),		●		●		
		liquid compositional analysis	high temperature simulated distillation (up to C100) detailed Hydrocarbon Analysis (up to C9)			●		●	
		atmospheric density and viscosity	Anton Paar DMA, Anton Paar SVM3001			●		●	
12. PVT fluid phase behaviour analyses									
 	We perform Pressure-Volume-Temperature (PVT) phase behaviour studies under representative field and subsurface conditions, with testing capabilities up to 200°C and 1000 bar. PVT studies provide critical insight into fluid phase behaviour and the relationships between pressure, volume, temperature, and composition. Results are equally relevant for: • subsurface: live fluid composition, fluid flow models, maintain reservoir pressure, understand gas-oil or gas-water ratios, understand stream impurity impact on storage capacities (e.g. for CCS) • production: design completion and facilities for the expected fluid phases • surface processes: design facilities, pipelines and compressors for 1 phase flow	high pressure-high temperature single phase physical properties	Sanchez high pressure viscometer CVL, Anton Paar high pressure DMA Rheonics high pressure DVM		●				
		oil PVT studies			●				
		condensate PVT studies	Sanchez Corelab 400/1000 Full Visual PVT System, Schlumberger PVT System		●				
		natural gas PVT studies			●				
		water PVT studies (Geothermal)	single stage separation to atmosphere, constant composition expansion (CCE), differential liberation experiments (DLE), constant volume depletion (CVD), multi-stage separator tests			●		●	
		CO ₂ , H ₂ and biogas PVT studies			●		●		
		swelling studies for gas injection	z-factor studies for gas-mixtures			●		●	
		PVT analysis for any fluid stream and any process related application				●		●	
		PVT simulations & numerical model definition (EOS)	PVTsim, PVTp			●		●	●
		PVT analyses QA/QC, stakeholder management and reporting (if analyses performed by 3 rd party)					●		



Topic	Description	Provided Service	Equipment	Expertise			
	Focus & Value	Technical Details	Specifications & Methodology	EOT-C	EOT-R	EOT-Y	EOT-M
13. Injectivity and formation damage							
	Avoiding and mitigating formation damage, as well as ensuring effective well cementation, is crucial for successful subsurface developments.	Long-term static fluid-rock or porous media (e.g. cements) interaction tests at subsurface conditions	long-term autoclave/ bioreactor or core flood tests at subsurface live fluid conditions (high pressure/ temperature)	●	●	●	
		any fluid-rock testing support linked to topic 7 (geochemistry)		●	●	●	
	We support projects by assessing formation damage mechanisms and by testing and qualifying cement systems and other mitigation solutions.	formation damage studies (test drilling mud, chemical breakers)	dedicated core flood setups (high pressure/ temperature) for acid treatment OFITE roller oven for mud aging		●	●	
		injectivity studies gas (simulate near wellbore effects during gas injection)			●	●	
		stimulation optimization at in-situ conditions				●	●
14. Subsurface in-situ flow properties							
	The TECH Center & Lab has special expertise in evaluating dynamic fluid-porous media processes under representative subsurface conditions (high PT).	enhanced recovery studies (cEOR, CO ₂ , etc.)		●	●	●	
		trapped gas saturation quantification	tailor-made coreflood setups (1 ,2 or 3 phase) with ISSM from RS Systems for operating conditions up to 700 bar and 150°C		●		
	unsteady state relative permeability measurements			●			
	steady state relative permeability measurements			●			
	core floods with focus on geochemistry and microbiology		●	●	●		
	external analysis QA/QC and vendor management for microfluidics studies			●			
15. Organic flow assurance							
	The TECH Center & Lab provides tailor-made organic flow assurance services, helping clients design and optimize production systems to ensure uninterrupted flow and minimize organic deposits such as wax and asphaltenes.	paraffin control - standard crude analyses	Boiling point curve - ASTM D7169; Density ASTM D 1298-90; Flash Point ASTM D 93; Pour Point ASTM D5853-17a; Wax Appearance Temperature & Viscosity Profile (rheolog. method)		●	●	
		wax deposition tendency on different materials	Dynamic Wax Loop		●	●	●
		paraffin inhibitor selection	Dynamic Wax Loop, Cold Finger Test		●	●	
	We simulate representative field conditions at high pressure and temperature to evaluate and quantify solid formation within hydrocarbon systems.	live fluid solid detection analysis incl. particle characterization & quantification (wax, asphaltene)	Sanchez Core Lab Solid Detection System (SDS) - high pressure live microscope & filtration		●		
		WAT/WDT (Wax Appearance/ Disappearance Temperature) live fluid study, single pressure repeat run	Sanchez Core Lab Solid Detection System (SDS); ResFluid Inc. SDS system (NIR near-infrared);		●		
		AOP (Asphaltene Onset Pressure) live fluid study, single temperature repeat run	Sanchez Core Lab Solid Detection System (SDS), ResFluid Inc. SDS system (NIR near-infrared)		●		



Chemistry – Chemistry Solutions (EOT-Y)

Main contact: Johann Badstöber (Johann.Badstoeber@omv.com)

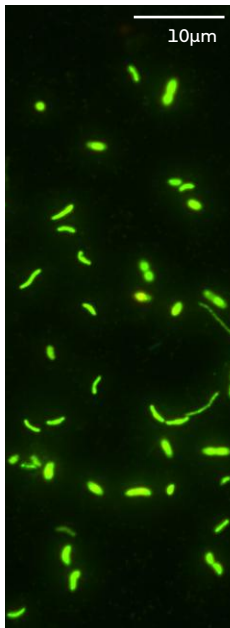
Topic	Description	Provided Service	Equipment	Expertise
	Focus & Value	Technical Details	Specifications & Methodology	EOT-C EOT-H EOT-Y EOT-M
16. Aqueous media analyses				
 The TECH Center & Lab has seven decades of expertise with characterization of water samples of any origin: formation water/oilfield water, process water, drinking water, wastewater, water in heating and cooling circuits, boiler feed water, etc. Our methods are uniquely specialized for high salinity water, water containing H₂S, oil-contamination and detection of key components for water source determination. Advanced water analytics have been established to support enhanced oil recovery (EOR) as well as Geothermal projects.		physical-chemical parameters	pH-meter, conductometer, density-meter, viscometer, redox-potential	●
		inorganic and organic anions	ion chromatography, photometry and titration	●
		inorganic cations and amines	ICP-OES (inductively coupled plasma atomic emission spectroscopy), ion chromatography, titration	●
		dissolved gases (CO ₂ , H ₂ S, O ₂)	photometry, titration, LDO sensor, Chemets	●
		sum parameters (TDS, COD, TOC, alkalinity) & impurities (TSS, oil in water)	Eracheck, mix of above	●
		other analyses parameters in water samples (color, salinity, tensides, turbidity, etc)	mix of above	●
		chemical selection and QC of enhanced recovery injection media (e.g. polymer solution degradation behaviour)	Size Exclusion Chromatography (SEC/HPLC), Field Flow Fractionation (FFF)	● ●



Topic	Description	Provided Service	Equipment	Expertise			
	Focus & Value	Technical Details	Specifications & Methodology	EOT-C	EOT-R	EOT-Y	EOT-M
17. Liquid hydrocarbon analyses							
	We provide comprehensive liquid hydrocarbon characterization through the measurement of key fluid and compositional properties relevant to production, flow assurance, facility, and reservoir engineering. Measurement programs are customized to project needs, generating dependable data for reservoir simulation, integrity assessments, EOR studies, and other specialist applications.	dewatering and water content in liquid hydrocarbon	Centrifuge; Karl - Fischer Titration or Distillation				●
		density & viscosity determination	Anton Paar SVM 3000, Stabinger Viscometer according to ASTM and DIN standards				●
		distillation at normal pressure	HDA 627 according to ASTM D 86		●		●
		pour point and flash point	Pour Point Tester according to ASTM D5985; SmallScale & Pensky-Martens (DIN 51758, ASTM D 93				●
		Total Acid Number (TAN), Total Base Number (TBN), SARA	titration, latroscan				●
		paraffin wax content, asphaltene content, sulphur content	gas chromatography (GC), RFA				●
		qualitative HC distribution until C45	gas chromatography (GC)				●
		Simulated Distillation (SimDis) ASTM D5307	gas chromatography (SimDis)		●		●
		rheometric determination of the wax appearance temperature (WAT)	cone plate rheometer		●		●
		isolation & characterization of inorganic and organic deposits	XRD, XRF, EDX, SEM, Raman, ICP-OS, IC, SARA, GC (SimDis)	●	●	●	●
hydrocarbon fingerprinting	gas chromatography (SimDis)		●		●		
18. Natural gas and gas stream analyses							
	We use specialized analytical equipment to determine the composition of natural gas, CO₂, H₂, and other gas streams. Our services support the monitoring of produced and sales gas for regulatory reporting, while also providing accurate data for process control and well testing. We quantify components from trace concentrations (ppm) to percentage levels, delivering reliable data for informed decision-making.	components analysis of a delivered gas sample (C1-C6+, CO ₂ , N ₂ , O ₂)	gas chromatography accord to ASTM D1945, ISO6974				●
		additional analyses (H ₂ S & sulfur compounds, Ar, Helium, H ₂ , BTEX, C6+ split)	gas chromatography				●
		analyses of in water dissolved gases, source/ soil gas, tracing of flammable components in air samples	gas chromatography				●
		gas chromatographic tracing of higher hydrocarbons distribution in solid gas or associated petroleum gas	gas chromatography				●
		qualification and calibration of on-line gas component measurements	gas chromatography				●
		elaboration and interpretation of gas-isotopes measurements	GC-MS with external partners	●			●

Topic	Description	Provided Service	Equipment	Expertise
	Focus & Value	Technical Details	Specifications & Methodology	EOT-C EOT-R EOT-Y EOT-M
19. Tracer tests				
	We design and implement chemical tracer (FBA) programs to characterize fluid flow, connectivity, and system performance in subsurface and process applications.	tracer tests in process plants (facility tracer tests)	photometry, INOV8 OiW analyzer	
		inter-well tracer tests (1 or multiple injectors)	Ion chromatography, GC-MS	
20. Production chemicals quality control & specifications				
	Production chemicals represent a significant operating cost and play a critical role in safe and efficient operations. Their performance depends on consistent quality and compliance with defined specifications. The TECH Center & Lab develops tailored quality control and qualification programs to verify product performance and ensure safe application. We define, monitor, and manage production chemical specifications for OMV assets and external partners (OMV Energy Technical Authority 1).	quality control measurement services	FTIR Fingerprint: Nicolet iS20, pH Value: DIN 10523, Dyn. Viscosity @ 20°C: with Anton Paar MCR301 ASTM, Density Q 20°C: Anton Paar DMA 4500M, Residual mass % - Drying residue @ 120°C and 48hrs, Pour Point: PPT 45150 according to ASTM D5985-02, Foaming Tendency: ASTM D 1881-732, Flashpoint: Pensky-Martens ASTM D 93-08, viscosity curve: with Anton Paar MCR301 from - 20°C to + 80°C ASTM	
		quality documentation per product and year including reference sample management and document management		
		vendor audits		
		controlled management of change including deviation waiver handling, negotiations with vendors, risk assessment and MoC		
21. Production chemicals management				
	Effective production chemical management aims to maximize asset performance while minimizing total cost of ownership. The TECH Center & Lab provides technical expertise (OMV Energy Technical Authority 1), analytical capabilities, and digital tools to support the selection, implementation, and optimization of integrated chemical programs, ensuring asset availability and reducing operating and intervention costs.	production chemicals risk assessment & application selection		
		production chemicals product selection	Qualification matrix: - Performance definition - Application - Handling & environmental considerations	
		production chemicals tender support	Request for Information, BAT Assessment, Chemical Program Treatment Guide, Chemical Management Plans	
		production chemicals operations support		



Topic	Description	Provided Service	Equipment	Expertise			
	Focus & Value	Technical Details	Specifications & Methodology	EOT-C	EOT-R	EOT-Y	EOT-M
22. Microbiological assessment & control							
  	Surface and subsurface energy systems and processes provide a habitat for a variety of microorganisms that can grow and multiply. Bacteria and archaea can contribute to recovery efficiency and storage, however in most cases they cause significant problems like formation of biofilms (clogging), acidification, microbiologically induced corrosion, production of toxic H₂S, detrimental effect on storage of gas, H₂ or CO₂. The TECH Center & Lab provides tailor-made solutions to avoid cost increases and solve production and facility issues related to microorganisms.	sterile, aerobic or anaerobic sampling for sessile and planktonic bacteria	sampling of solids, studs and side-streams			●	●
		sampling kits and instructions				●	●
		controlled anaerobic workspace for oxygen-free handling and cultivation of sensitive microorganisms	Glovebox			●	
		bacterial counts of metabolic groups (sulfate red. (SRB), acid prod. (APGHB), gen. heterotr. (GHB), nitrite red.-sulfide oxid. (NRSOB), iron utilizing (IUB) general anaerobic heterotr. (GanB) bacteria	serial dilution and MPN; cultivation time 14 - 30 days			●	●
		biological activity reaction test BART for slime forming-, iron-reducing-, sulphate reducing and acid producing bacteria within max. 10 days	BART test			●	●
		total bacterial load in system; metabolic status of biomass - prediction of growth/ stagnancy /decay results within 1 hour	in-field adenosine triphosphate (ATP) measurement			●	●
		total number of cells in a sample by measuring the emitted fluorescence light from DNA-stained sample	Epifluorescence Microscopy (EFM)			●	●
		detection and quantification of nucleic acids (DNA or RNA); detection and accurate quantification of the total number of specific groups of microorganisms	quantitative polymerase chain reaction (qPCR)			●	●
		characterization of microbial communities present by determining the nucleotide sequence of DNA; info on the relative proportions, frequency & potential risks	NGS (next Generation Sequencing)			●	●
		analysis of metabolism products	analysis and characterization of aqueous media or natural gas and other gaseous samples			●	●
	biocide efficacy testing to select biocide & concentration to prevent clogging, corrosion etc.	suspension time-kill test			●	●	
	aerobic or anaerobic microbial growth, biofilm formation, and process performance studies under controlled conditions	1 to 10 liter bioreactor system			●		

Topic	Description	Provided Service	Equipment	Expertise				
	Focus & Value	Technical Details	Specifications & Methodology	EOT-C	EOT-R	EOT-Y	EOT-M	
23. Scale mitigation & control (inorganic deposits)								
	Pressure drop during flow, temperature change and mixing of incompatible fluids are the main causes for inorganic scale deposits. Scale represents a significant and difficult to handle risk to flow in pipelines, facilities and during production and injection procedures. We provide expertise and solutions to manage risk, reduce costs and increase production by mitigating: • diameter-loss/plugging of lines • pore throat blocking • radioactive scale disposal • under-deposit corrosion • pump and equipment failures	analysis and characterization of aqueous media and gas	see topics #16 #18				●	
		reservoir fluid composition for input scale prediction software	composition C36+ reservoir fluids, separator fluids, stock tank gas/oil					●
		scale inhibitor residual measurements	ICP-OES					●
		scale prediction modeling	ScaleSim 2023 (scale thermodynamic simulator)					●
		geochemical scale modelling	PHREEQC 8 - model kinetic reactions and 1D (1-dimensional) transport	●			●	
		scale deposit characterization	Acid solubility tests, SEM, XRD, XRF, IC, ICP-OES	●	●		●	
		scale inhibitor selection	Dynamic Scale Loop (DSL)				●	●
		scale inhibitor squeeze design and testing	Coordination with external vendors, core flood testing; SEM/EDX, cation analysis, injectivity/dP assessment and SI Return Curve	●	●		●	
		scale inhibitor squeeze return monitoring	ICP-OES (inductively coupled plasma atomic emission spectroscopy)					●
integrated scale management studies from risk assessment to treatment design and monitoring	vendor management (RFI); performance criteria, application design, environmental and handling; monitoring		●	●	●	●		
24. Gas process chemistry support, emission monitoring & H ₂ S abatement								
	We combine on-site measurements and laboratory testing to support gas processing, emission monitoring, contaminant management, and treatment system optimization.	H ₂ S scavenger testing	laboratory and on-site testing				●	
		exhaust/ flare/ emission gas monitoring	Dekati ELPI+; Testo 350				●	
		on-site hydrocarbon and water dewpoint measurements and calibration of on-line measurement	Vympel dewpoint apparatus				●	
		gas process treatment performance testing and monitoring	full amine condition analysis, full TEG condition analysis; boiler water analysis				●	
		Hg in gas samples	Lumex				●	
		particle characterization in flue gas streams (e.g. carbon capture technologies)	Dekati ELPI+ (real-time particle size spectrometer)				●	



Topic	Description	Provided Service	Equipment	Expertise				
	Focus & Value	Technical Details	Specifications & Methodology	EOT-C	EOT-R	EOT-Y	EOT-M	
25. Produced water & injection water management								
	We support produced water treatment (PWT), water reinjection (PWRI), and disposal through analytical services, technology qualification, chemical evaluation, and operational troubleshooting.	PWT technology selection and implementation support						
		analysis and characterization of aqueous media and gas	see topics #16 #18					
		PWRI management support (i.e. pigging, trouble-shooting)	solid analytics, inhibitor selection, mPTR field unit to qualify injection waters on-site					
		PWT chemical selection	flocculant/agglomerant bottle testing					
		injection water quality monitoring (OiW, TSS)	Eracheck; Jorin; INOV8; WBF Tester					
26. Well treatment, testing & completion support								
	The TECH Center & Lab provides analytical and technical support for well intervention, completion, stimulation, drilling, and testing operations. Our laboratory expertise helps optimize well performance, improve injectivity and productivity, and support asset integrity throughout the well lifecycle.	analytical support during well interventions, work-overs (e.g. gravel-pack operations)						
		evaluation of recipes for acid stimulations	stability, compatibility and performance lab testing; back-produced acid analysis					
		selection of foamers and defoamers	Foaming Tendency: ASTM D 1881-732					
		on-site sampling, operations support and analysis during well tests	Lumex (Hg), Draeger (H2S)					
		lab analysis and evaluation of gaseous, liquid and solid samples	GC, XRD, XRF, ICP-OES, IC					
		reference mud gas analyses during drilling	GC, Draeger					

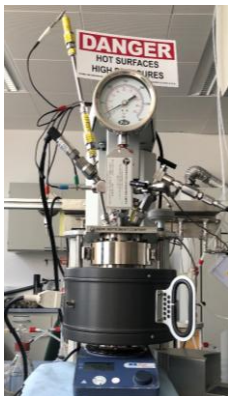
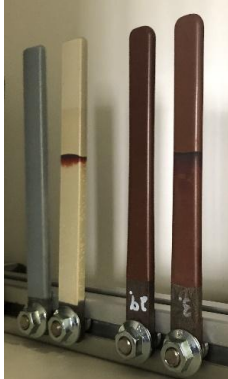


Materials - Materials & Corrosion Technologies (EOT-M)

Main contact: Christoph Schoberleitner (Christoph.Schoberleitner@omv.com)

Topic	Description	Provided Service	Equipment	Expertise
	Focus & Value	Technical Details	Specifications & Methodology	EOT-C EOT-R EOT-Y EOT-M
27. Failure analysis				
	The TECH Center & Lab conducts material failure analyses for all OMV Group Divisions (incl. F&F Refineries) and all worldwide Partners.	tests/measurements in the lab		
		review of standards and literature study	full metallography and microscopy; mechanical testing; Scanning Electron Microscope SEM (+EDX); fractographic analyses (XRD, XRF); water & hydrocarbon analyses	
		detailed report including interpretation of results and recommendations for preventive measures		
		review, QA/QC and approval of external failure analysis reports		
28. Material selection				
	We conduct tailor-made material selection for any project in the energy sector: metallic and non-metallic/plastics for surface & subsurface applications. Review of standards and literature paired with testing and simulation ensures compliance and use of novel materials that give a monetary and competitive advantage.	establishment of material selection report		
		review of standards and literature study		
		simulation of corrosion rates for carbon steel in CO ₂ and CO ₂ /H ₂ S environments	Larkton Software package	
		review, QA/QC and approval of external material selection reports		



Topic	Description	Provided Service	Equipment	Expertise			
	Focus & Value	Technical Details	Specifications & Methodology	EOT-C	EOT-R	EOT-Y	EOT-M
29. Material suitability testing							
 	The TECH Center & Lab conducts material suitability testing for all Energy Assets, OMV Group and Partners. We are specialized on high temperature and high-pressure conditions under challenging environments (e.g. H₂S, supercritical CO₂) for surface and subsurface applications on non-metallic/plastic and metallic materials.	selection of carbon steels and corrosion resistant alloys for subsurface and surface applications	if required HPHT exposure tests in autoclaves & Larkton corrosion simulation software				●
		selection of carbon steels and CRAs for sour service (H ₂ S) according to ISO 15156		●		●	●
		selection of non-metallic materials for energy applications (oil & gas and low carbon business)	if required long-term exposure autoclave tests, FTIR, tensile testing machine, Durometer			●	●
		coating selection	HPHT exposure tests in autoclaves, Infrared spectroscopy (FTIR), pull off force device			●	●
		simulation of corrosion rates for carbon steel in CO ₂ and CO ₂ /H ₂ S environments	Larkton software package			●	●
		mechanical testing of gravel pack material	Tensile and compression testing machine (25 metric tons)	●	●		●
		establishment of a material selection report	literature and lab test results				●
		review, QA/QC and approval of material test reports					●
30. Corrosion management							
 	With tailor-made corrosion management plans, the TECH Center & Lab ensures flow assurance and asset integrity for extended field life, reliable operations and significant cost savings for classic O&G as well as for any Low Carbon Business project.	establishment of corrosion management plans					●
		review of (external) corrosion management plans					●
		simulation of corrosion rates for carbon steel in CO ₂ and CO ₂ /H ₂ S environments	Larkton corrosion simulation software				●
		definition of corrosion mechanisms (incl. MIC)				●	●
		assessment of corrosion probability and definition of corrosion prevention measures					●
		review, QA/QC and approval of corrosion management plans				●	●
31. Material suitability and corrosion testing according to customer needs							
	We design tailor-made setups for special testing conditions and substances - e.g. Refinery, Geothermal, H₂ Storage and CCS Business Development - or any special customer request.	material testing with hydrogen			●	●	●
		corrosion testing with supercritical CO ₂ and impurities	high pressure-high temperature autoclaves, if required subsequent mechanical technological testing, fluid analysis, deposit analysis, SEM	●	●	●	●
		material & corrosion testing with H ₂ S		●		●	●
		materials and corrosion testing of biofuels/oils, water for geothermal applications, etc.		●		●	●

Topic	Description	Provided Service	Equipment	Expertise			
	Focus & Value	Technical Details	Specifications & Methodology	EOT-C	EOT-R	EOT-Y	EOT-M
32. Corrosion inhibitor selection							
	Selecting the right corrosion inhibitors is crucial to prevent equipment degradation, ensure operational efficiency, and extend the lifespan of assets. We provide corrosion inhibitor selection for any use case (batch inhibition, oil and gas wells, geothermal wells, etc.) for classic O&G as well as for any Low Carbon Business Project.	autoclave benchmark tests for corrosion inhibitor selection	wheel test 2x40 autoclaves				●
		determination of corrosion inhibitor partitioning behaviour under pressure				●	●
		rotating cylinder electrode tests for corrosion inhibitor selection and determination of the optimum dosage rate	Gamry potentiostat; atmospheric or HPHT electrochemical accessible autoclave			●	●
		linear polarization resistance tests (LPR) for corrosion inhibitor selection and determination of the optimum dosage rate	Gamry potentiostat; atmospheric or HPHT electrochemical accessible autoclave			●	●
		open circuit potential tests (OCP)					●
		determination of non-performance parameters (viscosity, foaming, FTIR fingerprint, ageing, neat corrosivity)	FTIR, Rheometer			●	●
		corrosion inhibitor selection report					●
33. Corrosion monitoring and inspection							
  	The TECH Center & Lab conducts direct and indirect online and intermittent corrosion monitoring. New technologies are constantly scouted and tested. In the past years new methods were successfully implemented in international assets and facilities.	definition of corrosion monitoring locations for all projects				●	●
		corrosion monitoring via weight loss corrosion coupons	if needed microbiological and corrosion deposit analyses	●		●	●
		online corrosion monitoring via fixed UT probes (Permasense)					●
		corrosion monitoring via guided wave measurements					●
		coating inspection	field inspection if required FTIR measurements for coating identification			●	●
		support for Risk Based Inspection (RBI)	combined with fluid analytics			●	●
		onsite hardness measurements and onsite metallography	portable equipment				●



Topic	Description	Provided Service	Equipment	Expertise
	Focus & Value	Technical Details	Specifications & Methodology	EOT-C EOT-R EOT-Y EOT-M
34. Technical audits of material manufacturers & support for tendering process				
	Poor material quality and inadequate quality control can lead to significant downtime, delays, and substantial costs. We ensure that vendors comply with all quality requirements and manufacture products in accordance with applicable regulations and industry standards. This helps protect our reputation, reduce liability, enhance competitiveness, and ensure the safety and reliability of materials and equipment.	technical audit at manufacturer for drill pipes, casing and tubing pipes (OCTGs) and wellhead		●
		technical audit at manufacturer for sucker rods and pony rods		●
		technical audit at manufacturer for sucker rod pumps		●
		technical audit at manufacturer for seamless and longitudinally welded linepipes		●
		technical audit at manufacturer for external linepipe coatings		●
		technical audit at manufacturer for plastic and multilayer pipes		●
		establishment and review of tender documents		●
35. Supplier qualification and quality control				
	The TECH Center & Lab conducts technical qualification of suppliers, 2 nd party inspections and incoming quality control of materials and equipment for all OMV Energy Assets and for other OMV Business Divisions.	technical qualification of suppliers based on requirements defined in OMV regulations and international standards	tensile test machine 25t, Charpy pendulum 300J, Rockwell/Vickers hardness tests device, metallography, emission spectrometer for alloy analysis	●
		technical inspection and factory acceptance tests (2 nd party inspection)		●
		incoming quality control of procured surface and subsurface equipment		●
36. Technical material standards and specifications				
	We establish OMV Energy wide specifications and regulations related to materials & corrosion for oilfield & low carbon business equipment.	establishment of specifications related to materials and corrosion for oilfield and low carbon business equipment	OMV REAL database	●
		review of specifications related to materials and corrosion for oilfield and low carbon business equipment		●
37. Technical authority for materials & corrosion (OMV Energy TAF)				
	The OMV Energy Technical Authority Framework (TAF) establishes the arrangement for the provision of technical expertise. Aim is to deliver products of expected technical quality and manage the technical risks. The highest Technical Authority for "Materials & Corrosion" lies within the TECH Center & Lab.	approval of ITPs (QCPs) for OCTGs, sucker rods, pony rods and line pipes	High level Subject Matter Expertise on TA1 Level (Technical Authority 1)	●
		approval of material selection reports		●
		approval of corrosion management plans		●
		approval of MoC documents		●
		approval of deviation requests		●



On-Site Support, Applied R&D, Trainings and Special Requests

Main contact: Theresa Schröckenfuchs (Theresa.Schroeckenfuchs@omv.com)

Topic	Description	Provided Service	Equipment	Expertise			
	Focus & Value	Technical Details	Specifications & Methodology	EOT-C	EOT-R	EOT-Y	EOT-M
38. Onsite support (sampling, testing and field support)							
 The TECH Center & Lab services are not restricted to the laboratory - this is one of our core strengths. Our staff is experienced with operations and energy processes and supports with high pressure sampling, testing, analytics, technology, process implementation and inspections in the field. 		high pressure PVT sample cylinder rental (fluid/gas)	Leutert & Proserv sample cylinders				
		high pressure PVT field sampling - onshore & offshore	BOSIET-certified personnel				
		test of dynamic fluid-rock/media interaction in the field - e.g. water quality monitoring	Proprietary injectivity field lab				
		standard chemical sampling (oil, gas, water- atmospheric & under high PT conditions)					
		process chemistry on-site analytics & measurements with portable instruments	diss. gases (CO ₂ , H ₂ S, O ₂) with Chemetrics, Alkalinity (HACH) and pH; dew point measurement (Vympel DP apparatus, Chandler DP apparatus)				
		exhaust gas measurements (NO _x , SO _x , H ₂ S, CH ₄ , oil in water, mercury in air & gas)	Jorin, LUMEX-Hg-Analyser				
		water treatment on-site support (Tracer, Jorins, WBF, OiW, Rheo)					
		facility inspections and quality control with focus: Materials & Corrosion (see topics 34-37)					
		any tailor-made field monitoring					



Topic	Description	Provided Service	Equipment	Expertise			
	Focus & Value	Technical Details	Specifications & Methodology	EOT-C	EOT-R	EOT-Y	EOT-M
39. Applied R&D – we bring technologies from idea to (field) implementation							
	The TECH Center & Lab is a key enabler of innovation and technology development. We scout, test, improve and implement new technologies and develop new methods in all areas of our in-house expertise to enable oil, gas and renewable projects.	technology scouting - from new coatings to new chemicals, workflows, software, equipment & field technology		●	●	●	●
		we perform qualification, validation & scale-up support from lab to field implementation		●	●	●	●
		technology improvement and new method development		●	●	●	●
		technology implementation support		●	●	●	●
40. Training Courses							
	We provide specialized training courses that cover all technical disciplines and areas of in-house expertise including new and emerging business topics. Contact us for a tailor-made offer.	standard or tailor-made training courses		●	●	●	●
		online or in the lab including practical hands-on exercises		●	●	●	●
		topics: water chemistry, materials & corrosion, microbiology, flow assurance, sedimentology, enhanced recovery/EOR, PVT, H ₂ storage, CO ₂ streams, Geothermal fluids etc.		●	●	●	●

Special Requests

Anything you need & have not found?

We work with our clients to develop **fit-for-purpose** scopes tailored to their project objectives.

If a requested service falls outside our in-house capabilities, we leverage our network of trusted **partners in industry and academia** to provide the required expertise.

For OMV Group **we manage lab partner engagement, contracting, and QA/QC**, ensuring you receive reliable and high-quality results through a single point of contact.

Partner laboratory spotlight: ICPT Romania

We collaborate closely with our partner laboratory **ICPT in Câmpina, Romania, part of the OMV Petrom Group**. Through aligned methodologies and regular inter-laboratory benchmarking, we ensure consistent and reliable results across our laboratory network.

ICPT's specialized services include, among others:

- Micropaleontological biostratigraphy
- Organic geochemistry (PSA)
- Accredited methods for sales gas analytics
- Environmental services

For enquiries related to ICPT Romania, please contact:

Ionut.Dragoi@petrom.com



5 Contacts

For project enquiries, laboratory services and technical support, please contact our management team.

Theresa Schröckenfuchs

Vice President TECH Center & Lab

Theresa.Schroeckenfuchs@omv.com

[TECH Center Lab | OMV.com](https://www.OMV.com)



Geoscience

Wolfgang Hujer

Department Manager
Core & Cuttings Techn.
Wolfgang.Hujer@omv.com



Reservoir

Dominik Steineder

Department Manager
Reservoir Technologies
Dominik.Steineder@omv.com



Chemistry

Johann Badstöber

Department Manager
Chemistry Solutions
Johann.Badstoeber@omv.com



Materials

Christoph Schoberleitner

Department Manager
Materials & Corrosion
Christoph.Schoberleitner@omv.com

Company Information:

Name: OMV Exploration & Production GmbH, FN60963b, 1020 Vienna, Trabrennstasse 6-8, Austria

Branch Address: TECH Center & Lab, 2230 Gänserndorf, Protteser Straße 40, Austria

Gewerbe Chemische Laboratorien, GISA-Zahl: 12623549

This service catalogue document and its contents are the property of OMV Exploration & Production GmbH and are inter alia, protected by copyright law. Complete or partial passing on to third parties as well as copying, reproduction, publication or any other use by third parties is not permitted. It is prohibited to replicate the concept and structure of this service catalogue document by populating it with your own information in a similar manner. The document is prepared for information purposes and to outline our expression of interest. Nothing in this document shall be construed to create any legally binding obligations or an obligation to execute any agreement or otherwise enter into, complete or affect any transaction in relation to this document. No opinion expressed in this document and no information set out in this document constitute an advice or a confirmation. OMV Exploration & Production GmbH is not liable for any use of the information set out in this document and any use of the information set out in this document is at the sole risk of its user. All figures, images and information in this document are by no means binding and thus indicative only. Updated edition, 21.09.2026

