

Participate in Business Case Challenge and get a chance to win our prizes!

Follow the guidelines tailored for your cohort in accordance with your current status – **university student** or **high school student**. *Further details on the process and tasks for each track will be discussed later in this document.*



High School Track



1st
place

€ 1,000



2nd
place

€ 500

All participants will receive a personalized participation certificate!

1

Sustainability & energy and chemicals industry

Submission deadline: 2 June 2024

2

Take on the Challenge: High School Track

3

Develop your Business Case

4

Compete for the award

AGENDA

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WU
VIENNA

**BUSINESSCASE
CHALLENGE**



The energy & chemicals industry needs to be transformed to be viable in a sustainable future



Fossil oil & gas have a large environmental impact

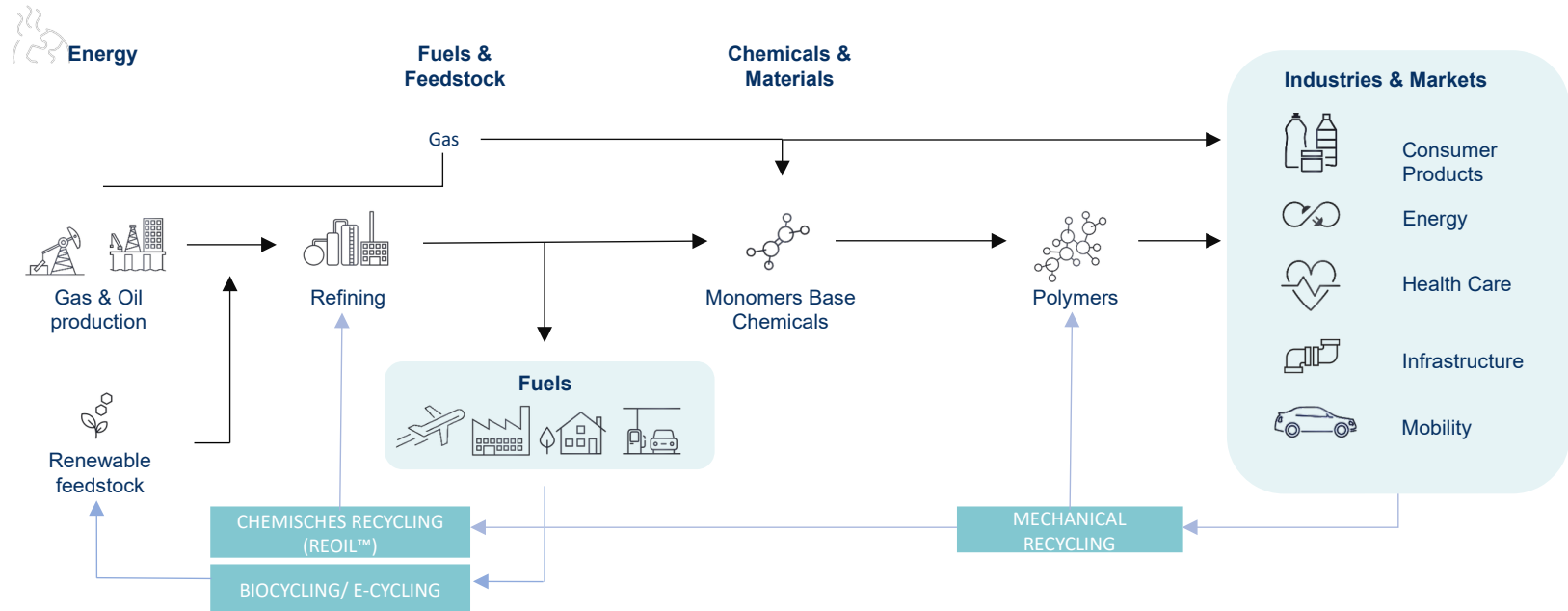
- Fundamental source of greenhouse gas emissions
- Oil and gas development threatens wildlands
- Drilling disrupts wildlife habitats
- Oil spills can be deadly to ecosystems
- Pollution impacts communities
- Production bears detrimental risks



Companies in the energy & chemicals industry need to become more sustainable

- Improving existing operations
 - Decreasing freshwater usage
 - Reducing emissions in oil & gas operations
 - Reducing methane leaks
 - Improving water recycling efforts
- Diversifying into low carbon energy and other industries

While the days of fossil fuels as an energy source are limited, they are still needed to produce essential products



Sustainability and sustainable development are key concerns for companies across industries

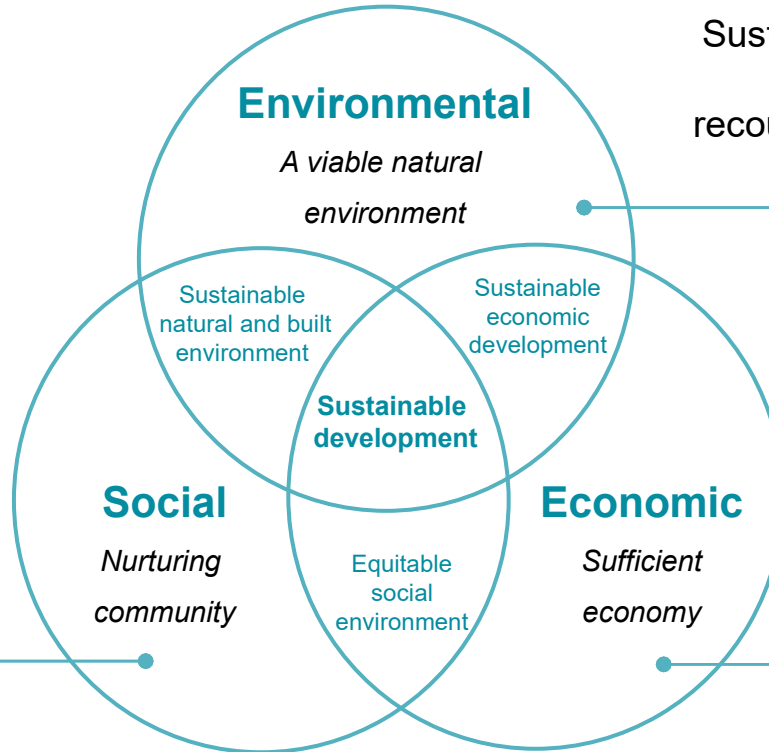
“Sustainable development meets the needs of the present without compromising the ability of future generations to meet their own needs.” (United Nations)

Sustainable development has 17 defined goals



Sustainable development stands on three pillars that responsible companies need to address

Sustainability is seeking to reach satisfactory levels of quality of life, healthcare and education.



Sustainability implies that nature is not an inexhaustible source of recourses, but subject to *protection and rational use*.

Sustainable development also drives economic growth, generating *equitable wealth for everyone*.

Innovative ideas turned into sustainable business models are at the core of many new businesses

Circular economy



A firm designs waste-free products that can be integrated in recyclable loops or biodegradable processes



Innovative by nature

Impact business



A firm's main focus is to create a positive impact on its ecological or social environment, using economic profits only to sustain and grow its business



Green innovation



A firm creates a new product that, compared to alternative products, has a much lower negative impact on society and the natural environment

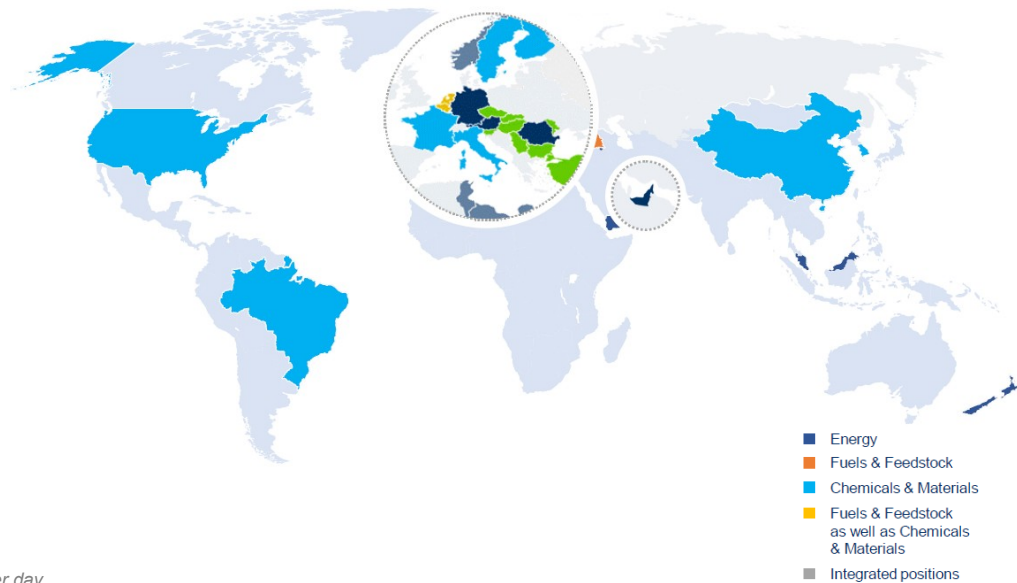


OMV is a global Energy & Chemicals Group player, and one of the biggest industrial companies in Austria

Key figures for 2022

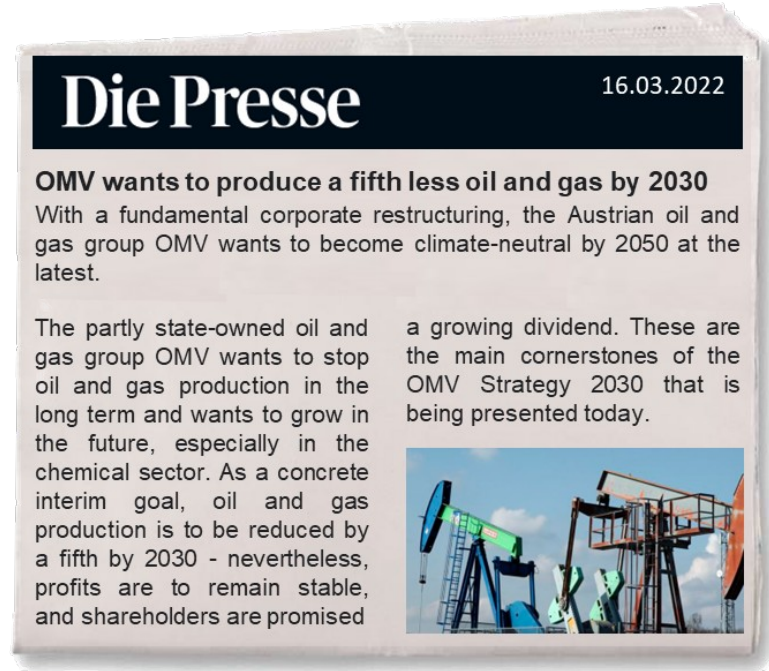
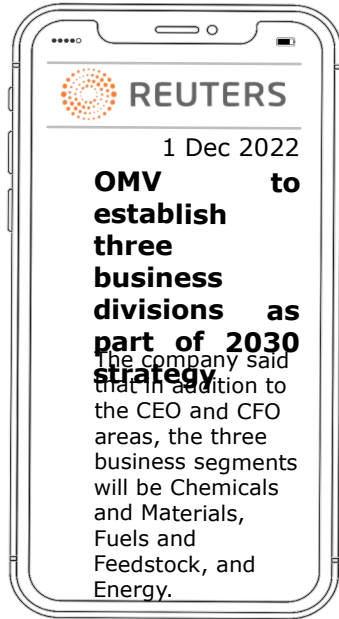
SALES REVENUES	62 EURbn
CLEAN CCS ¹ OPERATING RESULT	11 EURbn
CASH FLOW	10 EURbn
TOTAL HYDROCARBON PRODUCTION	392 kboe/d ²
ANNUAL REFINING CAPACITY	~500 kbbl/d ³
EMPLOYEES	~22,300

OMV's global footprint



1: Here: Current Cost of Supply; 2: 1000 Barrel of oil equivalents; 3: 1000 barrels per day

OMV's Strategy 2030 is highly transformational and big step towards sustainability



Watch OMV's Videos here



Visit the Strategy 2030 [website](#)

OMV Strategy 2030: Become a leading sustainable fuels, chemicals and materials company

- 1 Net-zero emissions needed by 2050 at the latest to limit global warming to 1.5 degrees Celsius
- 2 Demand for oil and gas will fall over the next three decades, with a reduction in oil demand beginning earlier and progressing faster
- 3 Natural gas will act as transition fuel
- 4 Rising demand for sustainable feedstock and fuels
- 5 Demand for chemicals and materials will continue to grow, playing a significant role in a more sustainable future
- 6 Circular economy will be a key driver to reduce waste and regenerate resources



"If we want to maintain and expand living standards around the world while ensuring the survival of our society, we must move to a more sustainable way of doing business. For this reason, OMV will re-invent essentials for sustainable living."

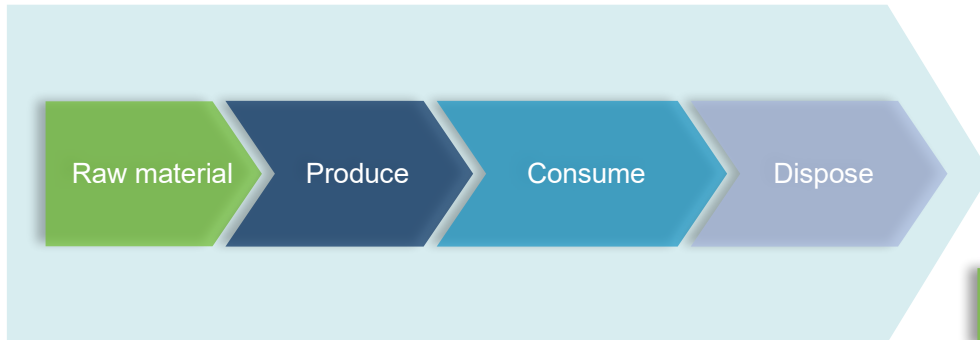
Alfred Stern, OMV CEO

OMV Strategy 2030: Fundamental shift from a linear towards a circular business approach

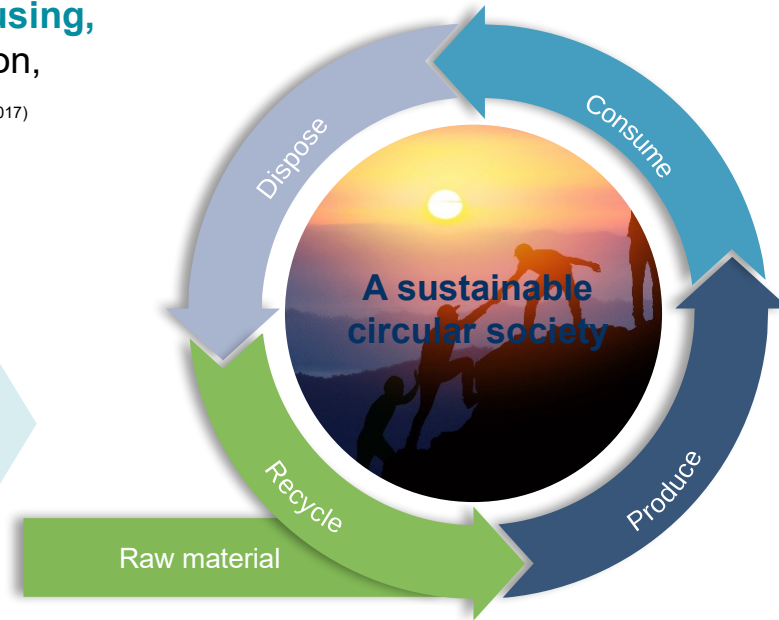
What is CE in theory?

Circular economy (CE) refers to an economic system that replaces the “end-of-life” concept with **reducing, reusing, recycling and recovering materials** in production, distribution and consumption processes (Kirchherr et al. 2017)

Linear economy



Circular economy



OMV's transformation needs to cut across all its business segments

Click on the segment icon for information videos



Chemicals & Materials

- Become a **global leader in specialty polyolefin solutions**
- **Scale up the circular business** and diversify into new **high-value chemicals and materials** for long-life applications



Fuels & Feedstock

- Reconfigure refining in the direction of **renewable fuels and chemical feedstock** production with deeper chemicals integration
- Provide **mobility solutions** by building a sustainable fuels business and **growing retail** through non-fuel business and e-mobility



Energy

- Leverage existing capabilities to **provide sustainable energy solutions** (geothermal, carbon capture solutions)
- **Reduce fossil production** gradually and shift to natural gas, as an energy transition fuel



Build a **sustainable growth business model**, with focus on circular economy solutions.

OMV's innovation efforts need to cover the entire value chain



Recycling technologies

Mechanical and chemical **recycling of plastic waste** to circular products



Biofuels and -feedstock

Leverage **renewable / bio-based streams** to produce sustainable fuels and feedstock (e.g., SAF)



Catalyst & polymer technologies

Proprietary catalyst & technology **platforms to produce specialty products**



Synthetic fuels and feedstock

Direct conversion of CO₂ into **valuable fuels** and feedstock for chemicals



Clean Hydrogen Technologies

Explore potential for **subsurface energy storage solutions**, incl. H₂, using **depleted reservoirs**



Geothermal energy

Develop **geothermal business** leveraging **Vienna basin opportunities** & **OMV capabilities** to provide **zero-emissions heating**



Carbon Capture, Storage & Utilisation (CCU/S)

Screen & pilot use of depleted reservoirs

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Innovation case: Develop a business case for a sustainable product

Task: Propose a sustainable product within the strategic business segments and innovation themes of OMV that has positive social and environmental value.

Deliverables

Business Plan

Come up with sustainable innovation that would align with OMV strategy and develop a convincing business plan, that describes your idea.

Market Analysis

Conduct a market analysis which estimates the market size of your innovation, and potential competitors.

Impact assessment

Describe and assess ecological, economic and social impacts of your innovation. Describe the changes in OMV financial performance.



Assessment

Criteria

- (1) Creativity of your ideas
- (2) Relevance and realism of the recommendations
- (3) Detail and quality of your analysis
- (4) Clarity of presentation



We expect your submission as a presentation containing the following chapters:

Chapter I: Introduction & Executive Summary

Chapter II: Business Plan

- How does your innovation work and what needs to happen to make it work?
- What problems does it solve?
- How will your sustainable product achieve market success?

Chapter III: Market Analysis

- Who will use your product and how big is the market for your product?
- What are the current trends in the market?

Chapter IV: Impact assessment

- What positive social and environmental outcomes do you anticipate from the adoption and use of your product?
- How much money would your ideas make?

Chapter V: Conclusion

- Why your sustainable innovation should be implemented?
- What would be the high-level results of your suggestion?



Check out our other Business Case Challenges if you are interested in developing your skills even further:

Austrian Airlines

After working on the OMV case, you discovered that you feel passionate about sustainable and carbon reduced products. Explore a sales and marketing perspective in the Austrian Airlines case:

Task: The vast majority of airline customers say that sustainability is important to them. Propose a business model to attract more customers to opt for sustainable air travel.

About: Austrian Airlines formulated an ambitious sustainable strategy. The airline is working on becoming CO₂ neutral by 2050, halving net CO₂ emissions by 2030.

UNIQA

After working on the OMV case, you now want to look into a completely different topic: Sustainable and socially responsible health care solutions. Explore the UNIQA case:

Task: Propose a business case for a sustainable physical or digital innovation that improves the health of insurance customers which could be implemented by UNIQA and its large network.

About: UNIQA Group will be climate-neutral by 2050 (by 2040 in Austria). Sustainability is a core element of UNIQA's 3.0 programme for the future and is non-negotiable.

[Find out more by clicking here](#)

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Get ready for the Business Case Challenge 2024 – learn in Coachings how to convince us!



Coaching

Hear from an expert in the field



Q&A

Ask questions to improve your BC



1 hour

30 min. coaching
30 min. Q&A



Online

Join an interactive session from home



Relevant tips

for the Business Case Challenge

Coaching #1: BCC Calculations



Friday, 12 April 18:00-19:00

Coaching #2: BCC Storytelling



Friday, 26 April 18:00-19:00

Coaching #3: OMV BCC



Friday, 10 May 17:00-18:00

Coaching: High School Track BCC



Friday, 17 May 18:00-19:00



For High School Students only



BCC Coaching #1: In a quantitative coaching, you will learn about BC calculations (12 April, 6pm)



“Investors are always interested in numbers. When looking at the financials in a business case the numbers need to be realistic, explainable and matching. The more sound and detailed financial calculations are, the more investors will trust in the overall reliability of a business case.”

Convince with numbers

Realistic, understandable & reliable BC

- **Making forecasts**
finding reliable data sources, making realistic assumptions, etc.
- **Calculating costs and revenues**
matching available data, structuring calculations, ensuring understandability, etc.
- **Presenting and explaining financials**
highlighting the key figures, etc.

Dr. Jakob Müllner

Assoc. Professor from WU

- **Teaching at WU university**
since 2006 with a specialization in International Business & Finance
- **Ex-jury member of the BCC**
and member of the BCC planning committee
- **Expert on calculating BCs**
and on corporate financial statements as well as on financial markets in general

BCC Coaching #2: In a qualitative coaching, you will learn about storytelling (26 April, 6pm)



“Dreaming big is important. Yet, there needs to be more to a business case than just the idea – investors are convinced by stories. Why is your idea relevant to the world we live in? Why will your plans work out? Why do people care? Giving convincing answers to these questions is key.”

Convince with stories

Relevant, believable & impactful

- **Making others care**
capturing your audience’s interest
- **Explaining the relevancy**
identifying a need by describing the world as-is and envisioning to change
- **Emphasizing the feasibility**
elaborating on how an idea has an impact on the status quo

Dr. Evelyn Reithofer

Ex-consultant

- **Experience as a management consultant**
for five years
- **Jury member of the BCC**
and member of the BCC planning committee
- **Assistant professor** conducting research and teaching at WU since 2023
- **Expert for storytelling**
and convincing company presentations in general

BCC Coaching #3: In the OMV coaching, you learn how to ace the OMV case



“OMV is one of the biggest industrial companies in the country. OMV Strategy 2030 represents a fundamental shift towards a circular business approach. We understand, that the Business Case Challenge Task is complex. We are here to help and to discuss your questions on the OMV case.”

Convince us @ OMV

Sustainable and innovative

- **We do not expect you to be an expert**
You do not need to provide detailed technical explanations beyond what could be expected
- **Many small ideas make a change**
Instead of re-inventing the wheel, think about how innovations on a smaller scale can make a difference
- **Think outside the box**

We appreciate your creativity



BCC High School Student Coaching: In this coaching, you can ask questions (17 May, 6pm)



“You might have different questions on how you, as a high school student, can take part in the Business Case Challenge. Maybe some aspects of the BCC overwhelm you. We are here to help. Please pose all your high-school-student specific questions in our Q&A session.”

Ask your questions

Tips for High School Students

- **Expectations:** “What level of complexity is expected?”
- **Prioritization:** “What are important points that I should consider for my submission?”
- **Support:** “Can my professors or teachers support me with my Business Case Challenge submission?”
- **Other:** “We have more questions on...”

Univ.-Prof. Dr. Bettina Fuhrmann

Head of Institute for Business education

- **Head of the Institute of Business Education** at WU since 2016
- **Jury member of the BCC** and member of the BCC planning committee
- **Full professor at WU** since 2003
- **Expert for high school** curricula and the high school student perspective
- **Professor at the WU Executive Academy**

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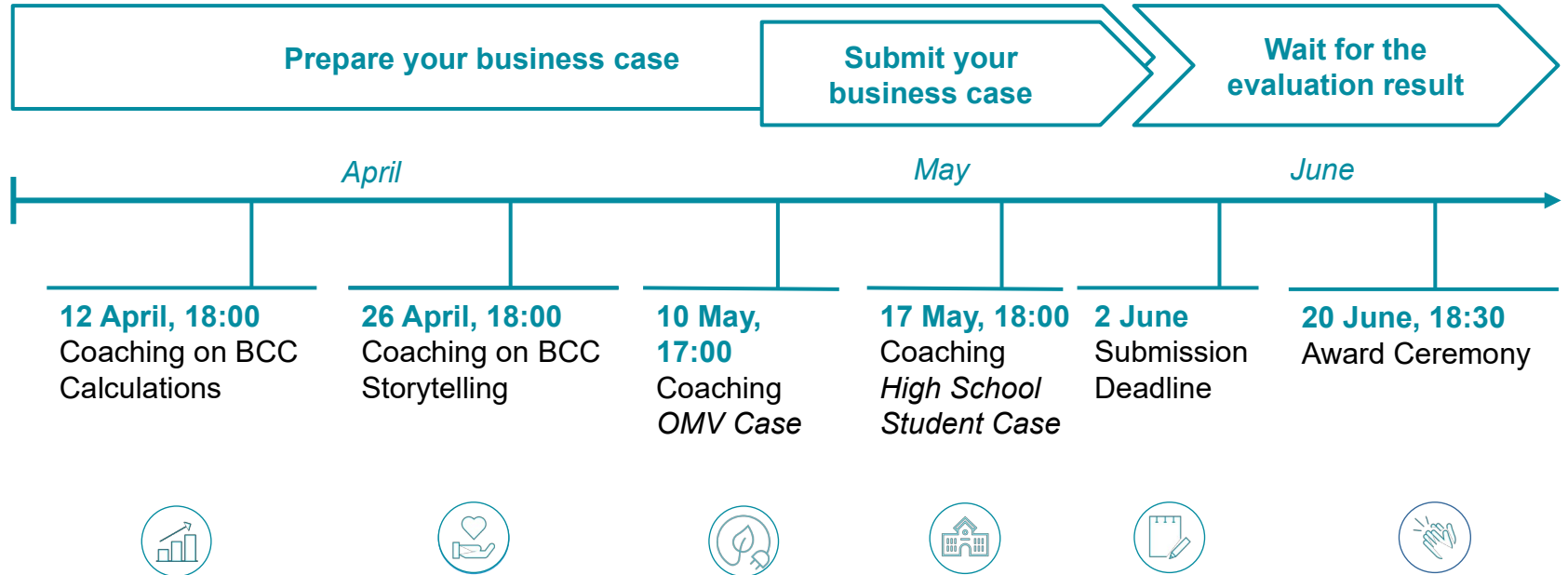
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Prepare your business case, participate in the coaching sessions, and submit it by 2 June



Our BCC jury consists of members from the private sector as well as university professors



DDr. Michael Tojner

CEO Montana Tech Components AG

Co-Initiator,
Business Case Challenge



Univ.-Prof. Dr. Jonas Puck

Wirtschaftsuniversität Wien

Co-Initiator,
Business Case Challenge



Ass.-Prof. Dr. Evelyn Reithofer

Wirtschaftsuniversität Wien

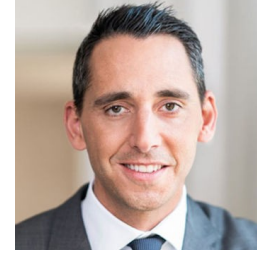
Jury Member,
Business Case Challenge



Univ.-Prof. Dr. Bettina Fuhrmann

Wirtschaftsuniversität Wien

Jury Member,
Business Case Challenge



Mag. Thomas Zimpfer

B&C Industrieholding GmbH

Jury Member,
Business Case Challenge



Mag. Andreas Leitner

SVP Innovation & Technolog OMV AG

Jury Member,
Business Case Challenge

We are looking forward to meeting you at our BCC awards ceremony

**Date:**

20 June 2024
18:30

**Guests:**

BCC winners, all the
sponsors, jury

**Place:**

WU Vienna

Agenda:

Guest lecture
Winner presentation
Awards ceremony
Sponsor meet & greets

Our sponsors

We would like to express our gratitude to our sponsors for their partnership in this year's Business Case Challenge!

