



2021-2022

Issue 7

MaChTazine

Materials Science &
Chemical Technology

**A lot of fun
upcoming
events!!**

Pages 1-3

Introduction

Hey everyone!

We provide you with our last MaChTazine of the academic year 2021-2022. All nice things have to come to an end, but we will end in style. For the last time it is an XL version filled with a lot of fun. We still have a lot of **upcoming events** in the next weeks which you will all be eager to attend as they are all **FREE**.

Of course we need to introduce you to the **new board** of 2022-2023 who will take care of MaChT next year. They will also organize the MaChT trip again as it was a fantastic trip. Some of our travel companions wrote down their experience.

As spring is in the air and the sun is out, we also provide you with articles about the best terraces in Ghent en how to take of your plants.

An XL version wouldn't be an XL version without a lot of puzzles. This time we provide you with **6 companies of the month** and thus 6 puzzles, so you have a lot of chances to win a prize! Good luck!

We would like to thank everyone for participating and for reading our MaChTazines. It was a wonderful year and despite the corona pandemic disturbing our plans the past year we have organized a lot of fun events. We hope that next year will be even more fantastic for MaChT and that the new board can welcome you on the MaChT events.

Your MaChT press—Felix and Tessa

Your MaChT board—Lucas, Daniël, Matthias M., Frederik, Jasper, Maarten, Natan, Jari, Jonas, Matthias D.S.

Overview of coming events

We give you an overview of our upcoming events. Two of them are presented on the next pages. You can also join us on the company visit to Milliken on 13 May.

When?	What?	Where?
26 April 12h15	Bach Lunch MaChT	Zwijnaarde
26 April 20h00	'Application of sustainability in material science' by B.I.G.	Plateau, Auditorium B
3 May	Materials @ The Movies	Kinepolis Gent
10 May 16h00	Ice Cream Day	At LCT in Zwijnaarde
13 May	Milliken Company Visit	Ham 24, 9000 Ghent

Printed by

PAPIER&CO

Next event: Materials @ The Movies

Materials @ The Movies

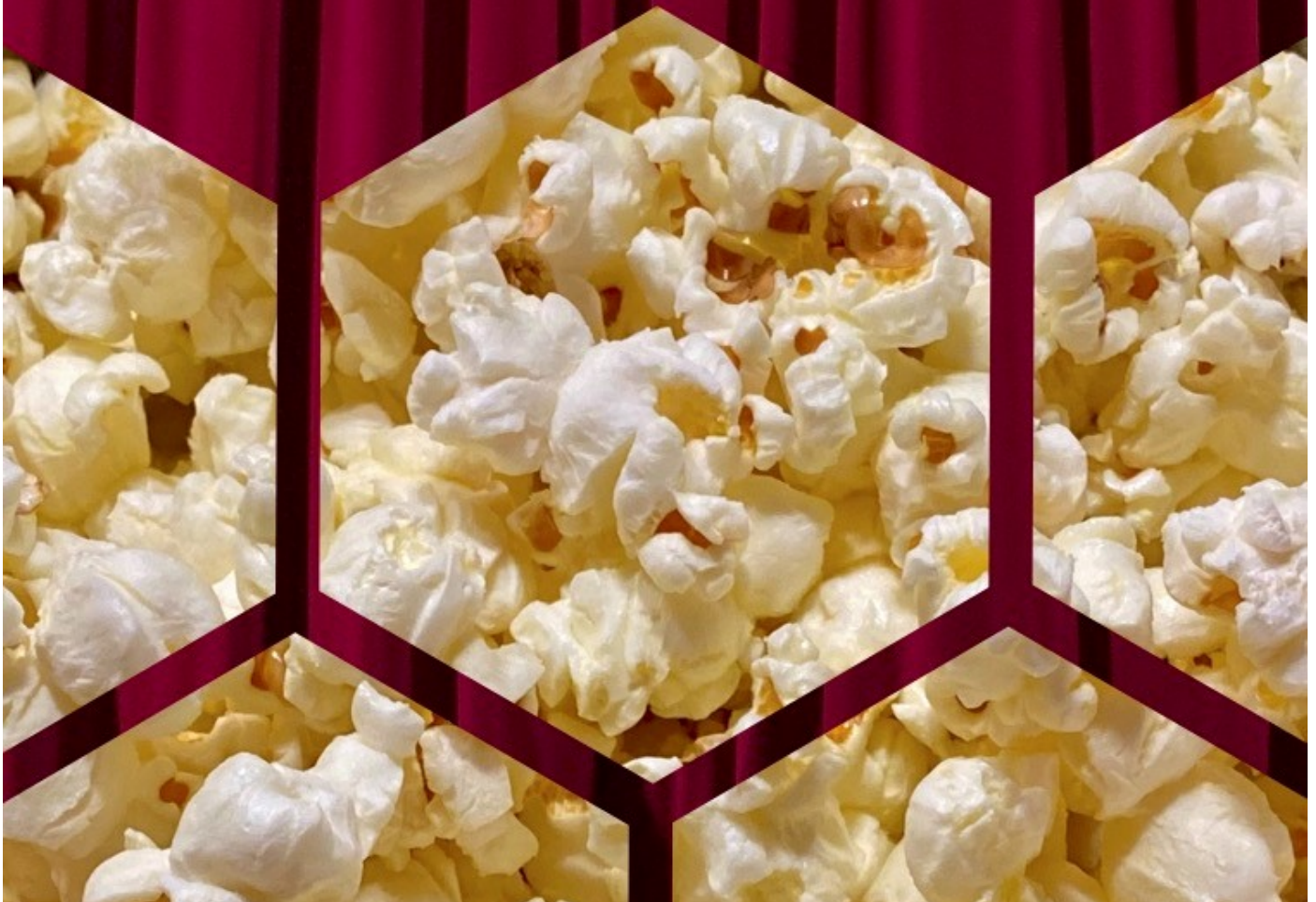
SAVE THE DATE! EVENING OF MONDAY 3 MAY 2022

Learn more about the programme and hang out with current Sustainable Materials students over a movie!

This event will be free! More details will be posted at macht.ugent.be

BROUGHT TO YOU BY:

SMS CTSE
SUSTAINABLE MATERIALS SCIENCE EXILES



Next event: Ice Cream Day



Ice Cream Day

Welcome the warm weather with a scoop of ice cream!

🕒 Tuesday 10 May 2022 @ 16:00

📍 Outside of the LCT

Look for IJsster De Pinte truck
for free ice cream!



The new MaChT board

The continuation of MaChT is assured for 2021-2022 as a new board is chosen. Their approach will mostly be similar to that of the current board. However, they will carry through a few changes. First of all they are with 3 persons for Internal Relations. They will be responsible for organizing the MaChT trip and give a boost to the social media of MaChT. Joanna will also take the bachelor students under her wing. Natan will also help a hand where he can during the first semester. The main goal of the new board is to reach the bachelor students as soon as possible and to organise workshops to make the transition towards the work field easier.

They are very motivated to organize great events and make it a wonderful year!

The people who will lead all of this in a good direction are:

President: Jonas Bastiaen

Vice-President: Marie Hondekyn

Treasurer: Jordy Doolaege

Internal Relations: Jonathan Dumarey & Marthe Meurisse & Joanna Popiel

Press PR: Yana Maudens & Arthur Labijn

Webmaster: Robin Vandersyppe

Secretary: Manon Breugelmans

External Relations: Anne-Céline Couck & Mattis de Schrijver & Marthe Vromant

MaChT goes the extra (S)mile

Testimonials by some of the participants



MaChT goes the extra (S)mile was really an ideal combination of learning more about TotalEnergies and hearing the stories of engineers in the industry on the one hand and getting to know your fellow students in a different way on the other. I found the visit to their Polymer Plant the most interesting, it was great to see one of those extruders in real life! Also, the people who worked there were really friendly and answered all our questions. The laser shooting was the best activity of the trip, it was really cool! Such a multi-day event is definitely worth repeating!

- Anne-Céline Couck



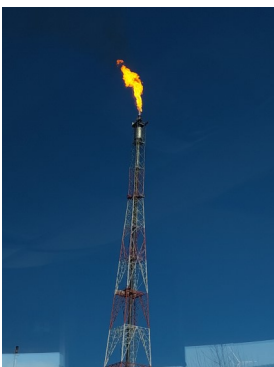
MaChT goes the extra (S)mile was without a doubt the most enjoyable event of MaChT! The Discovery Day and the company visit were very interesting and the dinner with the people of TotalEnergies gave me a lot of insights into the job opportunities that we have as engineers. The best moment for me was of course the laser shooting! We had a great time and it was the ideal way to get to know each other better. Highly recommended for everyone!

- Joanna Popiel



MaChT goes the extra (S)mile is highly recommended for everyone! The best moment of the two-day event for me was definitely the laser shoot. We all had a great time and the spaghetti made the evening even better. You'll definitely see me back on the MaChT trip next year ;-)!

- Yana Maudens



I found the first day of the company visit very educational. As a first master's student, it was useful to see what a future job interview might look like, I observed that you can impress future employers with 'to the point' questions and the importance of networking was confirmed once again. Furthermore, I learned that people like to eat at Total Energies and that Antwerp is actually a really nice city!

- Marie Hondekyn



The best terraces of Ghent

With the spring in the air and the sun out it is time to enjoy a drink on a sunny terrace!

Vooruit café - Sint-Pietersnieuwstraat 23



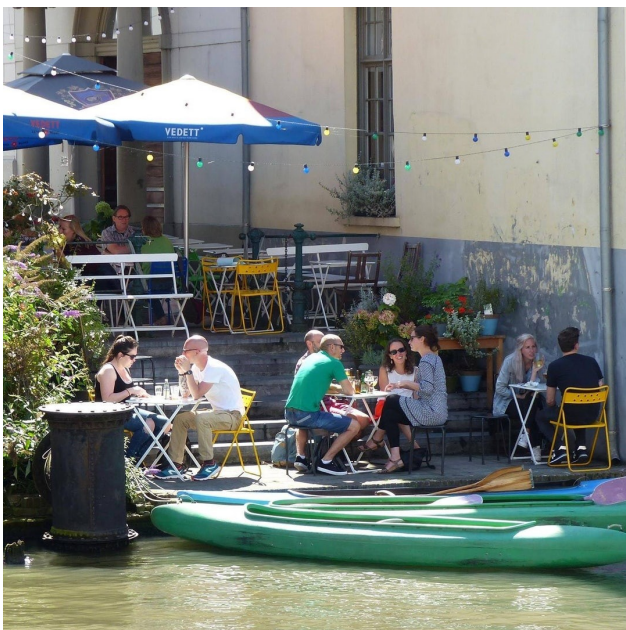
Arty hub Vooruit occupies a grand building created in 1913 by a worthy socialist organisation. You can drink coffee in a stunning interior with marble tables, tiled floors and high ceilings. But if the sun shines then look for a free table on the roof terrace added by DIAL architects in 2013. The friendly young staff take your order at the bar.

De Planck - Ter Platen 10

An old river barge lies moored on the waterfront near Kinopolis cinema, making it a hot spot for movie fans who want to go see a movie. You can sit out under the trees on a warm summer evening and



pick from a list of more than 200 beers, including the house brew *Planckske*. Below decks, the long cabin is decorated in a rustic style with old furniture, beer signs and candles.



Barazza - Hoefslagstraat 6

Dieter and Robin run this friendly coffee bar in an old 16th-century house with roses growing up the walls. It lies hidden at the end of a quiet lane overlooking the Leie, so most people miss it. The interior has tables looking out on the water and odd vintage details like an old radio and photographs of King Baudouin and Queen Fabiola. In the summer, you can drink Or brand coffee on the waterfront terrace while watching the ducks drift past.

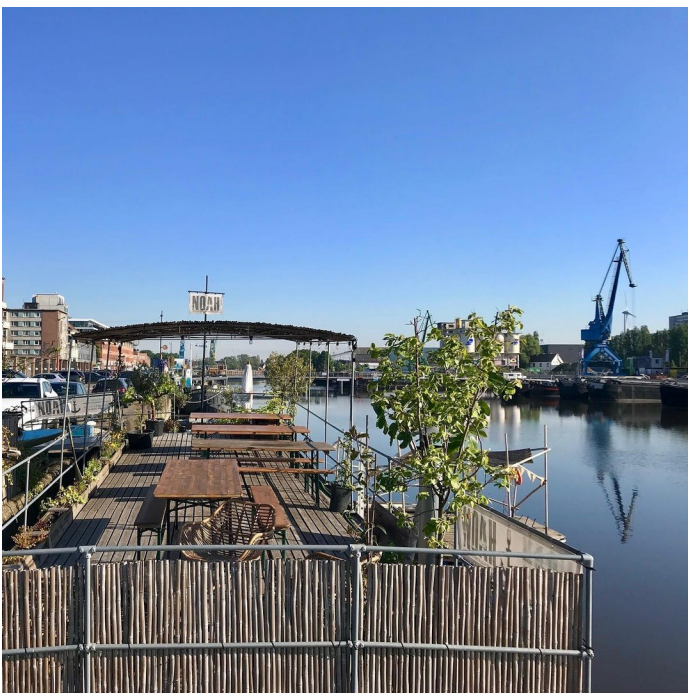
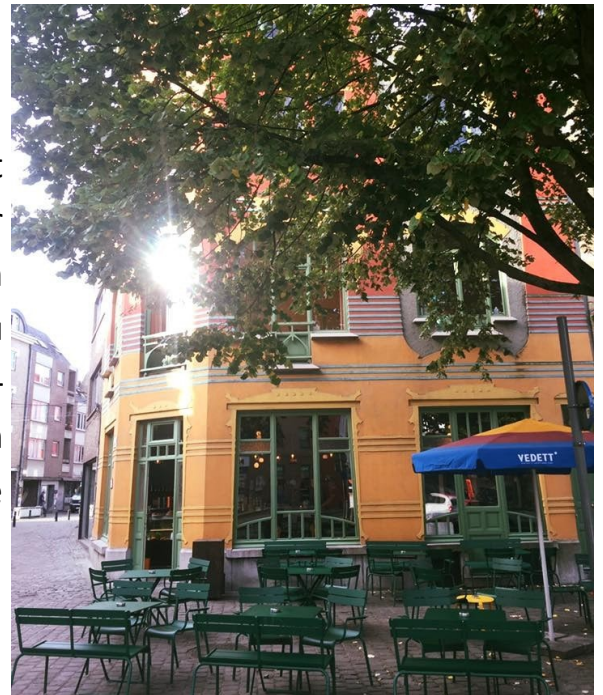


Bar Jan Cremer - Kramersplein 5

Named after a notorious Dutch novelist, this relaxed coffee bar has a cool interior featuring pale wood tables and walls stripped back to the bare brick. Once summer arrives, regulars move outdoors onto the cobbled square where the mood is like a summer beach cafe complete with bright red deckchairs.

Simon says - Sluizeken 8

This is a relaxed coffee bar with a few tables set out on a quiet square. It was opened by Simon Turner and Christopher Joseph who also run a small B&B in the same bright red and yellow Art Nouveau building. The tables inside are covered with hand-made tiles while the dark blue walls are dotted with tiny drawings of imaginary flying machines by the Antwerp artist Panamarenko.



Noah - Handelsdokkaai 3

Moored in Ghent's old docklands, Sigrid Hubloux's houseboat is a relaxed spot for a summer cocktail. You can eat salad or quiche below decks in a clean Nordic interior with wood floorboards, a long communal table and porthole windows. But the summer sun brings everyone out on deck to enjoy the view in this emerging new neighbourhood.

Plant Care Tips

With the arrival of spring, the beautiful greenery is a literally sight for sore eyes. Even if you spend a couple of moments appreciating nature, your eyes will thank you for the relief from looking at slides or writing your thesis. And of course, the magic of photosynthesis will bring fresh oxygen to your room for maximum brainpower. But plants can be quite difficult to keep healthy if you don't know what you're doing, so here are some tips on how to take care of your plants.



1. Feel the Soil to Know How Often to Water Your Plants

For potted plants at home, you may be unsure of how often to water them. For most plants, the golden rule is to see if the first inch or so of soil is dry. If dry, this is an indication that the plant needs water. If there are leaves that have shriveled or are dry/discoloured, the plant might need a little extra water than a regular routine.

2. It's Better to Underwater Your Plants Than Overwater Them

A plant can recover faster from being deprived of water than one given excess water. To rescue an overwatered plant, you may need to repot the plant and remove any unhealthy roots and overwatered soil before moving the plant into a new pot.

3. Skip Fertilization for Houseplants if You're Unsure

Houseplants don't require fertilization unless they are struggling to grow. If you're unsure of how much or what type of fertilization to use when planting, it's better to skip that step altogether. Too much fertilization may actually end up killing your plant rather than helping it.

4. Houseplants Love Stability

We recommend scoping out where you'll put your plant in your house before picking one out. Plants thrive once they are used to their surroundings and finding a spot with the right amount of light is important. Temperature is also important. Fluctuating temperatures will shock your plant and therefore lead to the plant not being able to develop and maybe even die. Most plants prefer temperatures of 18-24°C.

5. Water Deeply, Rather Than Lightly and Frequently

When you water lightly and frequently, only the top roots are able to drink the water, and your plant may not receive the fuel it needs to survive. Watering deeply, which entails watering your plants heavily with water, allows for all the roots to grab a drink. To avoid overwatering, slowly water your plant and watch for when the water is not draining through the soil anymore. Once you notice this, stop there.



6. Prune Your Plants

Getting rid of old-growth on your plants will help your plants grow again. This is kind of like how trimming the dead ends of your hair will help your hair grow again. After winter is when you'll see some of the tips or leaves of your plant dying, so a simple plant haircut will do!

7. Don't Repot Your Plants by Pulling Them

Pulling a plant out will not only ruin the stems, leaves, and blossoms but will also tear roots. Damaged roots need to heal before they can fully take in nutrients, so pulling your plant out of its pot is never a good plan.

8. Most Plants Flourish in High Humidity

With most homes having dry air, especially in the winter, you may want to adjust the air. This could be as simple as purchasing a humidifier for the rooms of your home that contain your adored plants. If you have a low-light plant, you can place it in a bathroom if it has a window: the humidity from the showers might provide all the water that it needs.

9. Keep an Eye Out for Yellow or Droopy Leaves

Asking your local horticulturalists will certainly lead you to the correct fertilizer for each plant because depending on the terrain your plant has come from, the plant will require a certain fertilizer to heal back to full health.

10. Make Sure Pots Have Drainage Holes

Having a way for pots to drain is vital for your plant and the soil. Proper drainage allows the roots to receive air, rather than sitting in water and suffocating the roots.

11. Dust Your Plants!

Plants that collect too much dust on their leaves can't get the sunlight they may need to survive, especially green plants and plants with big leaves. A few times per year, use a wet cloth and lightly wipe down the leaves of your plants on both sides.



Source: <https://www.proflowers.com/blog/plant-care>

Company of the month: Air Liquide

A world leader in gases, technologies and services for Industry and Health, Air Liquide is present in 80 countries with approximately 66,000 employees and serves more than 3.6 million customers and patients. Oxygen, nitrogen and hydrogen are essential small molecules for life, matter and energy. They embody Air Liquide's scientific territory and have been at the core of the company's activities since its creation in 1902.

Air Liquide in België

Al in 1906 richtte de Groep Air Liquide een dochteronderneming in België op. Al meer dan 100 jaar volgen wij daar een dynamisch beleid inzake industriële en technologische investeringen. Daardoor zijn wij een koploper op het vlak van veiligheid en techniek.

Vandaag zijn onze 650 werknemers in België trots op de betrouwbaarheid van hun leveringen en de kwaliteit van hun dienstverlening aan onze 16.000 industriële klanten en 18.000 patiënten en ziekenhuizen.

In 2011 gingen we nog een stap verder in onze versterking door het talent en de culturen te bundelen in een sterke Benelux-organisatie.

650

Werknemers

1,700

Kilometer leidingen

7

Sites

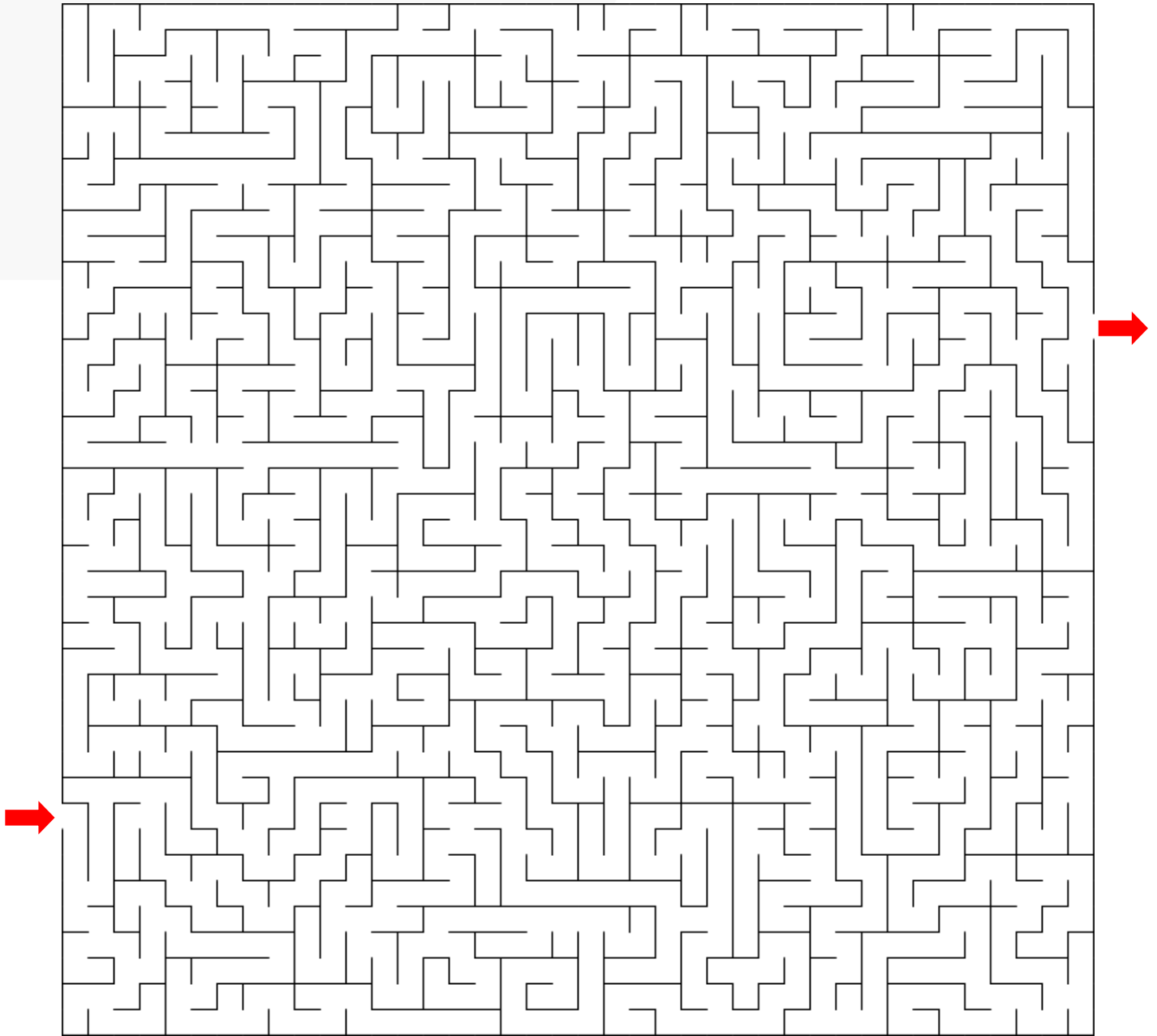
Vacatures bij Air Liquide in België

Air Liquide kan bogen op het talent en het engagement van meer dan 65.000 medewerkers over de hele wereld, waarvan 650 in België. Samen hebben zij ervoor gezorgd dat Air Liquide uitgroeide tot de marktleider in gassen, technologieën en diensten voor de industrie en de gezondheidszorg en een sterke reputatie van uitmuntendheid kon verwerven.

Als u aan de slag gaat bij Air Liquide in de Benelux kunt u rekenen op een verrijkende en gevarieerde carrière.

Raadpleeg onze vacatures en stagemogelijkheden in België, Luxemburg en Nederland op <https://www.airliquide.com/careers>

Puzzle Air Liquide



Solve the puzzle and deposit your solution in one of our boxes at 46, 70A or 125 or send it to **macht@ugent.be** before the **6th of May** for a chance to win the awesome prize offered by **Air Liquide**! Good luck!

Name: _____

Email: _____

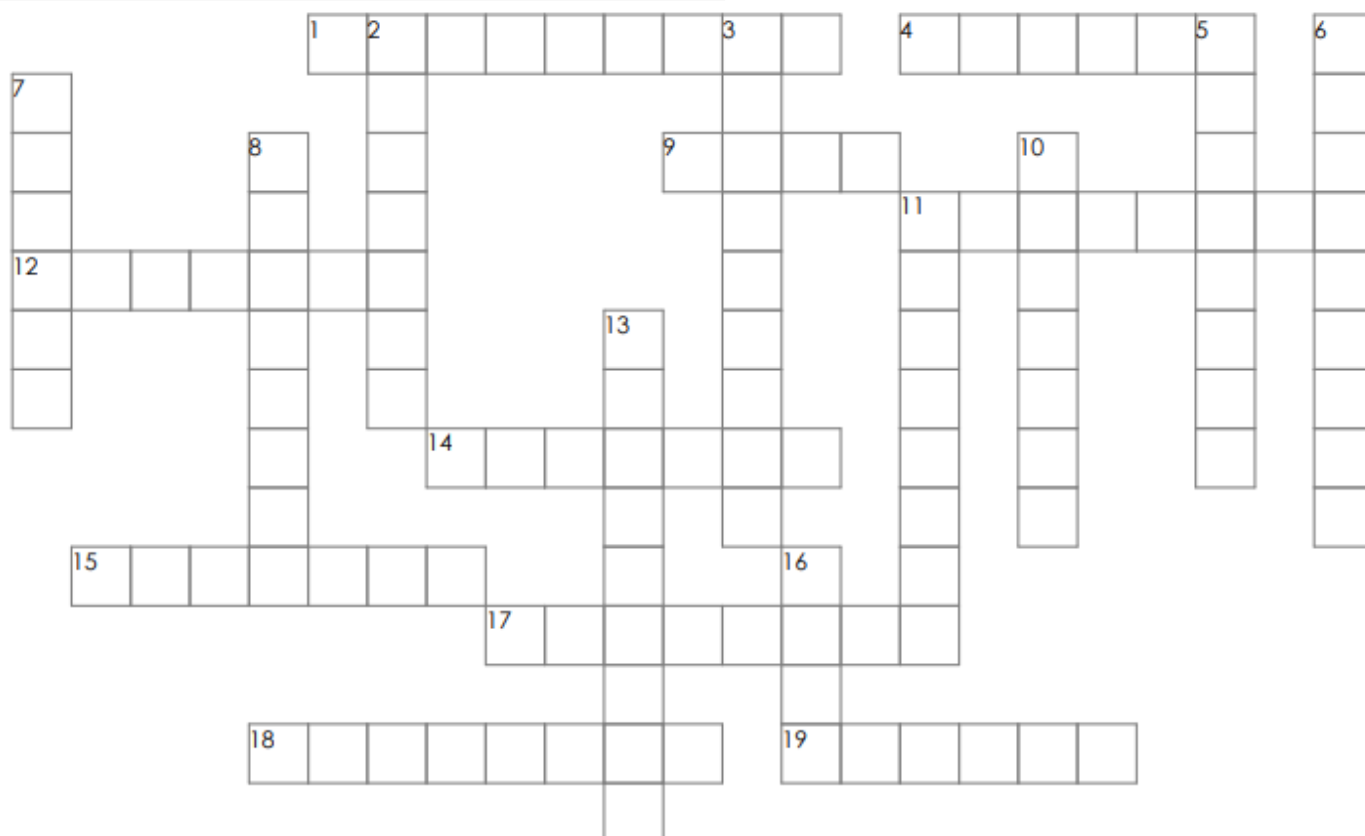
Company of the month: Beaulieu International Group

Beaulieu International Group (B.I.G.) is a global specialist in raw chemical materials (polymers), semi-finished engineered solutions (yarns, fibres, technical textiles) and is a leader in a broad range of floor coverings for the residential and commercial markets (vinyl rolls, vinyl planks, laminate, parquet, carpet, needle felt, artificial grass and mats) as well as upholstery fabrics. B.I.G. is headquartered in Belgium and employs 4,700 people worldwide. We have production sites in 17 countries across Eurasia, America and Oceania and serve customers in 140 countries. B.I.G. reported a turnover of €1.7 billion in 2020. At Beaulieu International Group, we work with purpose and passion to build the future. Our spirit of enterprise and ambition are the drivers of permanent added value for customers, employees, suppliers, shareholders and the society we work in.

Beaulieu
International
Group



Puzzle Beaulieu International Group



ACROSS

- 1. Mn
- 4. Cu
- 9. Fe
- 11. Sc
- 12. Kr
- 14. Y
- 15. Br
- 17. V
- 18. Cr
- 19. Co

DOWN

- 2. As
- 3. Sr
- 5. Rb
- 6. Ge
- 7. Ni
- 8. Ti
- 10. Ga
- 11. Se
- 13. Zr
- 16. Zn

Solve the puzzle (in English) and deposit your solution in one of our boxes at 46, 70A or 125 or send it to **macht@ugent.be** before the **6th of May** for a chance to win the awesome prize offered by **Beaulieu International Group**! Good luck!

Name: _____

Email: _____

Company of the month: Eastman



Je kan er moeilijk omheen, Eastman heeft de afgelopen jaren zijn positie zodanig versterkt dat we vandaag de grootste werkgever zijn voor de chemische industrie in de Gentse regio.

Met twee productiesites en ons European Technology Center bieden we aan jonge ingenieurs in de regio een zeer gevarieerd aanbod aan uitdagingen en carrière mogelijkheden.

Eastman's innovaties zijn overal aanwezig, in de producten die we allemaal dagelijks gebruiken – van de materialen die in huishoudelijke apparaten en auto's worden gebruikt tot essentiële medische apparatuur.

Onze productiesite Gent Noord produceert Methylamines. Dat zijn bouwstenen voor toepassingen zoals cosmetica, detergenten, additieven voor dierenvoeding, gewasbescherming en afvalwaterzuivering.

De productiesite Gent Zuid is gespecialiseerd in de productie van folies die aangewend worden in gelaagd veiligheidsglas voor de automobiellindustrie en alsook in de architectuur.

In 2018 opende Eastman de deuren van een nieuwe researchafdeling in het Technologiepark te Zwijnaarde. In dit European Technology Center focussen we op onderzoek en innovaties voor onze bedrijfsonderdelen Coatings, Specialty Plastics, Adhesives en Plasticizers.

Vandaag hebben we een team van ca. 900 collega's in Gent en groeien we jaarlijks door onze rangen met aanstormend talent te versterken. Als de ambitie om de wereld te verbeteren in uw DNA zit, voeg u dan bij ons team en revolutioneer duurzaamheid voor onze klanten, de gemeenschap, werknemers en de wereld!

OUR PURPOSE

To enhance the quality of life in a material way — today and for future generations

EASTMAN

Puzzle Eastman

Fill in this binary puzzle with 0's and 1's. There can be at most two in a row of the same number. Every row and column must have an equal number of 0's and 1's, and every row and column must be unique. Good luck!

0					0				0		0		0
	0		1								1		0
1			1			0							
					1		1		0	1			
					1				0			1	
0		0				0				0	0		
	0	1		1									
							1				0		
0								0		0			0
0			1		0		1						
					0		1	1			1		
			0					1		1		1	
		1		0		0							
	0								0				

Solve the puzzle and deposit your solution in one of our boxes at 46, 70A or 125 or send it to **macht@ugent.be** before **the 6th of May for a** chance to win the awesome prize offered by **Eastman!** Good luck!

Name: _____

Email: _____

Company of the month: ExxonMobil

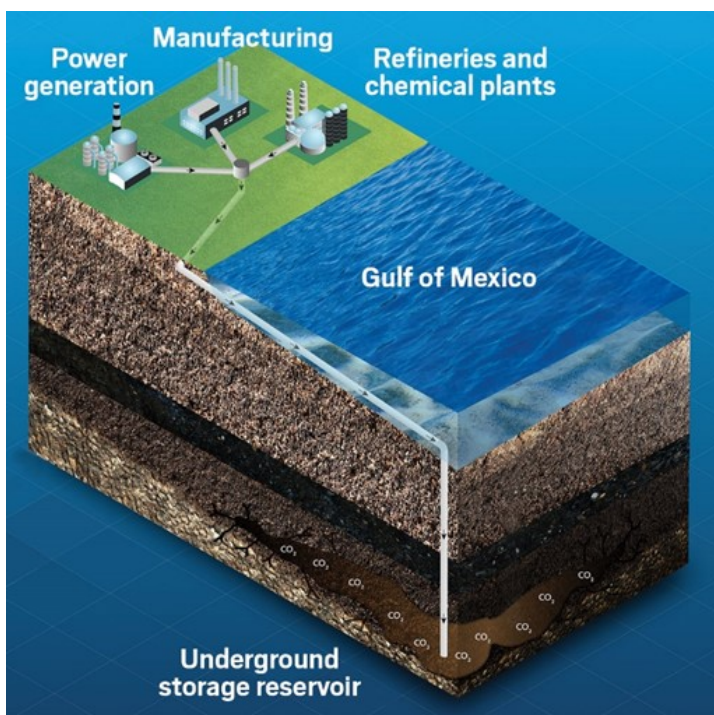
ExxonMobil - Investing in a lower-carbon future

At ExxonMobil, we develop and deploy solutions that meet society's needs. Today, that means taking a leading role in providing the products that enable modern life, reducing carbon emissions and developing needed technologies to advance a lower-carbon emissions future.

Benefits of increased investment Over the next six years, ExxonMobil plans to invest more than \$15 billion on lower greenhouse gas (GHG) emission initiatives. To that point, we are on track to meet our 2025 emission-intensity reduction goals by the end of this year – four years earlier than anticipated. We see tremendous opportunities to use our technology and expertise in carbon capture and storage, hydrogen, and biofuels to support meaningful reductions in global emissions.

Carbon Capture and Storage Key among those technologies is carbon capture and storage, a proven way to collect CO₂ emissions and securely store them deep underground. ExxonMobil is the world leader in carbon capture, and has captured more human-made CO₂ than any other company. Eleven companies, including ExxonMobil, have expressed interest in supporting a large-scale carbon capture and storage hub in the Houston industrial area. We believe that by 2040, it could be possible to annually capture about 100 million metric tons of CO₂ from refineries, chemical plants and power generation facilities in the area. That's equal to the GHG emissions today from more than 20 million gasoline-powered passenger vehicles. In Europe, ExxonMobil is working with other companies and governments to advance potential carbon capture and storage hubs in Scotland, France, Belgium and the Netherlands.

Biofuels and Hydrogen Biofuels will also play an important role in a lower-carbon future, especially in reducing GHG emissions from commercial transportation. Our Canadian affiliate, Imperial Oil, is planning to produce renewable diesel using a proprietary catalyst technology that enables advantaged production. Renewable diesel is a drop-in fuel for use in today's engines that generates 70% fewer carbon emissions than conventional diesel. ExxonMobil also produces about 1.3 million metric tons of hydrogen annually, and is working to develop new technologies that significantly lower production costs.



How can you help? Our largest asset is the group of ExxonMobil engineers who are responsible for optimizing and intensifying our processes on daily basis. They make the difference for the world of tomorrow and that is why we need young, dynamic and talented engineers who are able to face challenges such as reducing our GHG emissions with us. If you are interested in making the difference, then a career at ExxonMobil might interest you. For further information on careers and/or internships, you can visit jobs.exxonmobil.com. If you are interested to know more on the Energy Outlook & upcoming technologies, you can visit [energyfactor](https://energyfactor.com).

Puzzle ExxonMobil

L F Q G E H Z M E S G H B Y Z Z F D C N J G P C H
 W C G B Q N A B S N P H R T H I P Y O O W V W Y T
 A L O W K T E E I D T E K V B P J P R I H F X E P
 L Q Y N E Z I R J W G A T C D W R T R T O U M U L
 L P T R D T E S G N K Q U O A E S C O C G P M O H
 O X I K I E P V A Y Q T A V Q N R E S U G I M U L
 Y A V L N S N H C R A C K I N G X N I D W X P U S
 L P I I H K C S Z R Z U F W M T C O O O N X R T P
 N T G A O X T I E K N A T V R J Y A N R H P O F V
 U N V F E A R F T R F P W U F I I Z C P E R L K F
 E R J T Z J I H E E E T D R E M Y L O P A C V S W
 O S A W E N T T J N N E Q S S X R M W G F I O F Q
 A E H P I I A X I G R I C Q X A E R E W G A L G W
 H O X N M W N B T C Q B K A I E A O R Y F P D B V
 K B G F F U R N A C E U H L H L C S E Y R T L I M
 P I F S E U J M Q G W Q J O M B T S B G K E A Q N
 F I R H T N D U N B M N B Y H A O E O O H M B Z X
 Q O P L D I S T I L L A T I O N R R I L E O S I S
 N T U I K I B T Q W O R D A U I Q P L O H R B I F
 I K J L N D Y Y I T R S M D B A C M E N T G A H R
 J A G G I G O X Y H N V I D N T U O R H R I L L Y
 Q D V G P N T S Y L A T A C J S I C U C A E N V F
 L R E W O T G N I L O O C P M U S G W E S L P I U
 L A S A F E T Y G P E I B D P S Z V L T G F J F L
 X V L Z G T H E N L T L J L W W G C C D K C P E A

alloy catalyst compressor condenser coolingtower corrosion
 cracking distillation energy engineering extruder fiber flare
 fouling furnace heatexchanger kinetics material piping
 polymer production pump reactor reboiler refining safety
 storage sustainable tank technology turbine utilities

Find all 32 words to solve the puzzle and deposit your solution in one of our boxes at 46, 70A or 125 or send it to **macht@ugent.be** before the **6th of May** for a chance to win the awesome prize offered by **ExxonMobil**! Good luck!

Name: _____

Email: _____

Company of the month: Solvay



Wij verbinden mensen, ideeën en elementen om de vooruitgang opnieuw uit te vinden.

Solvay in het kort

Onze bestaansreden - mensen, ideeën en elementen samenbrengen om de vooruitgang opnieuw uit te vinden - is een oproep om een stap verder te zetten en om dankzij de kracht van de wetenschap duurzame gemeenschappelijke waarde voor iedereen te creëren. Als wetenschappelijk bedrijf willen we de motor zijn voor toekomstige innovatie, en tegelijkertijd de planeet beschermen die we allemaal samen delen. Als wereldleider op het vlak van **materialen**, **chemische producten** en **oplossingen** brengen we verbeteringen voor vliegtuigen, auto's, batterijen, slimme en medische toepassingen en water- en luchtbehandeling, om een antwoord te bieden op industriële, maatschappelijke en ecologische uitdagingen.

Onze activiteiten

De wereld van vandaag wordt geconfronteerd met een almaar groeiende bevolking en parallel daarmee een stijgende vraag naar hulpbronnen. Men kan op onze innovatieve oplossingen rekenen om tot veiligere, schonere en meer duurzame producten te komen in woningen, voeding en consumptiegoederen, vliegtuigen, auto's, batterijen, slimme toestellen, zorg voor mensen, water- en luchtzuiveringssystemen.

Puzzle Solvay

Fill each row, column, and 3x3 box with the numbers 1-9 in the Sudoku puzzle.

3	2		7		4		5	
		5		9				
9		4	6		8			3
7		2						9
	6		9		3		8	
5						3		4
6			2		1	7		5
				7		4		
	5		4		6		9	1

Solve the puzzle and deposit your solution in one of our boxes at 46, 70A or 125 or send it to **macht@ugent.be** before the **6th of May** for a chance to win the awesome prize offered by **Solvay**! Good luck!

Name: _____

Email: _____

Company of the month: TotalEnergies

Over TotalEnergies in de wereld

TotalEnergies is een wereldwijd multi-energiebedrijf dat energie produceert en levert: olie en biobrandstoffen, aardgas en groen gas, hernieuwbare energiebronnen en elektriciteit. De 105.000 medewerkers zetten zich in voor energie die steeds betaalbaarder, schoner, betrouwbaarder en voor zoveel mogelijk mensen toegankelijk is. TotalEnergies is aanwezig in meer dan 130 landen en plaatst duurzame ontwikkeling in al zijn dimensies centraal in zijn projecten en activiteiten om bij te dragen tot het welzijn van de bevolking.

Over TotalEnergies in België

In België telt TotalEnergies 5.000 medewerkers die zich inzetten voor energie die steeds betaalbaarder, schoner, betrouwbaarder en voor zoveel mogelijk mensen toegankelijk is.

TotalEnergies, is a single name, in the plural, for all energies and all talents. Find out about all our open positions in Belgium and join our employees who share our commitment to make energy better every day.

Join our teams! Discover here our job offers:

<https://careers.totalenergies.com/en>



OIL



NATURAL GAS



ELECTRICITY



HYDROGEN



BIOMASS



WIND



SOLAR

Puzzle TotalEnergies

Which engineer works in which unit? How old is each engineer? Figure it out with the given clues!

		Production Unit				Age			
		Atmospheric Distillation	Fluid Catalytic Cracker	Steam Cracker	HDPE Reactor	24 years	25 years	26 years	27 years
Engineer	Ann								
	Jan								
	Philippe								
	Marie								
Age	24 years					Clues: 1. Ann is working on the atmospheric distillation team. 2. The engineer at the HDPE reactor is 2 years younger than Marie. 3. Jan is either 24 or 26 years old. 4. The 25-year-old engineer is working with the fluid catalytic cracker.			
	25 years								
	26 years								
	27 years								

Solve the puzzle and deposit your solution in one of our boxes at 46, 70A or 125 or send it to **macht@ugent.be** before the **6th of May** for a chance to win the awesome prize offered by **TotalEnergies**! Good luck!

Name: _____ Email: _____

Sponsors

