Day 1 | Monday | Morning Program

Timing	Session	Location
('15) 08:15 - 08:30	Arrival	Meeting Room
('45) 08:30 - 09:15	Welcome moment, practical briefing & introduction to the week	Meeting Room
	Introducing the team, the companies, practical know-how and getting to know you	
('50) 09:15 - 10:05	Schedule production processes	Meeting Room
	Introduction to substrate production (Part 1): components, mixing, humidification, filling, bag closing, sterilisation, cooling, spawning, incubation, growing systems + Q&A	
('30) 10:05 - 10:35	Coffee break	
(1h40) 10:35 - 12:15	Introduction to substrate production (Part 2) + Q&A	Meeting Room
('65) 12:15 - 13:20	Lunch break	
('10) 13:20 - 13:30	Walk to Mycelia	

Day 1 | Monday | Afternoon Program

('5) 13:30 - 13:35	5 Practical briefing on evening trip and transport & group division M		
13:35 - 17:00	Parallel Practical Sessions: Substrate composition		
('55) 13:35 - 14:30	Group Pleurotus eryngii (King Oyster): The importance of ingredients, water content, mixing and bag filling Practical substrate preparation in Mycelia's workshop: selection of ingredients, filling of mixer, addition of water, bagging. Measure PH (before and after) Location: Workshop	Group Pleurotus ostreatus (Blue Oyster): Improving the structure of substrates + Study case Determination of water- and air-filled pores; characteristics and role of different ingredients: wood chips, wood shavings, etc; examples of substrate formulations Location: R&D labo	Group Lentinula Mycelia floor p Testing hands a Location: Meetin
(′55) 14:35 - 15:30	Group Pleurotus eryngii (King Oyster): Mycelia floor plan, video and visit to the premises + Testing hands and air with the help of growing media Location: Meeting room	Group Pleurotus ostreatus (Blue Oyster):The importance of ingredients, water content, mixing and bagfilling Practical substrate preparation in Mycelia's workshop:selection of ingredients, filling of mixer, addition of water, bagging.Measure PH (before and after)Location: Workshop	Group Lentinula Improving the s Determination of w of different ingredi examples of substra Location: R&D lal
('30) 15:30 - 16:00	Coffee break		
('55) 16:00 - 16:55	Group Pleurotus eryngii (King Oyster): Improving the structure of substrates + Study case Determination of water- and air-filled pores; characteristics and role of different ingredients: wood chips, wood shavings, etc; examples of substrate formulations. Location: R&D labo	Group Pleurotus ostreatus (Blue Oyster): Mycelia floor plan, video and visit to the premises + Testing hands and air with the help of growing media Location: Meeting room	Group Lentinula The importance filling Practical su selection of ingredi Measure PH (befor Location: Worksh
('20) 17:00 - 17:20	Q&A on the day	Location: Meeting Room	
('20) 17:20 - 17:40	Preparing for evening trip	Drivers park their car at Steenhove: Thanks!	Be ready at 17:
17:40 - 22:30	Evening visit to Ghent 17u40 Drive to Ghent Parking: Parking Zuid, Zuidparklaan, Ghent 19u00 Restaurant After dinner: Café	Meeting point cars: B&B De Steenhove	



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Day 2 | Tuesday | Morning Program

Timing	Session	Location
('5) 08:15 - 08u20	Practical briefing & introduction to the program of today	Meeting Room
('60) 08:20 - 09:20	Fundamentals of biology for substrate producers (part 1)	Meeting Room
('5) 09:20 - 09:25	Very short break	
('55) 09:25 - 10:20	Pasteurisation process for substrates of lignicolous mushrooms:	Meeting Room
	theory and practice, advantages and disadvantages	
('25) 10:20 - 10:45	Coffee break	
('60) 10:45 - 11:45	Autoclaving sterilisation process:	Meeting Room
	theory on steam production and heat transfer, correct autoclaving procedure, F-value, what happens in the substrate bags?	
('30) 11:45 - 12:15	Fundamentals of biology for substrate producers (part 2)	Meeting Room
('15) 12:15 - 12:30	Briefing on ordering products:	Meeting Room
	explanation about buying books, orders Mycelia, payment & pickup orders, ordering free samples of SacO2	
('60) 12:30 - 13:30	Lunch break	
13:30 - 13:40	Walk back to Mycelia	

Day 2 | Tuesday | Afternoon Program

('5) 13:40 - 13:45	Short practical briefing		
13:45 - 17:10	Parallel Practical Sessions: Substrate composition		
(′55) 13:45 - 14:40	Group Pleurotus eryngii (King Oyster): Autoclaves and steam generator: practical use of steam, valves and sterilisation cycle schematics Location: Workshop, autoclave	Group Pleurotus ostreatus (Blue Oyster): Design your own substrate	Group Lentinula o Quality control o pH, dry matter me Location: R&D Lat
(′55) 14:45 - 15:40	Group Pleurotus eryngii (King Oyster): Quality control on substrate: pH, dry matter measurements, RH, microbiology Location: R&D Labo	Group Pleurotus ostreatus (Blue Oyster): Autoclaves and steam generator: practical use of steam, valves and sterilisation cycle schematics Location: Workshop, autoclave	Group Lentinula o Design your own Location: Worksh
('30) 15:40 - 16:10	Coffee break		
('55) 16:10 - 17:05	Group Pleurotus eryngii (King Oyster): Design your own substrate Location: Workshop, gate	Group Pleurotus ostreatus (Blue Oyster):Quality control on substrate:pH, dry matter measurements, RH, microbiologyLocation: R&D Labo	Group Lentinula of Autoclaves and s practical use of ste Location: Worksho
17:10 - 18:00	Low cost production of substrates for specialty mushrooms in sea Expert: Orazio Tietto Location: Meeting Room	containers (Digital session) & Q&A	

edodes (Shiitake): on substrate: asurements, RH, microbiology 00 edodes (Shiitake): substrate op, gate edodes (Shiitake): steam generator: eam, valves and sterilisation cycle schematics p, autoclave *Tomorrow morning:* Deadline for submitting your orders of Mycelia

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Day 3 Wednesday Morn	ing Program	NOW = Deadline	
Timing	Session	for submitting your orders of Mycelia	Location
('05) 08:15 - 08:20	Practical briefing & Introduction to the program of today		Meeting Room
('55) 08:20 - 09:15	Dealing with micro-organisms in substrate production (part 1): presence of propagules in the air, cleanroom classes, air quality of	control, use of LAF, use of overpressure, rules of conduct	Meeting Room
(1h30) 09:15 - 10:45	Pests and diseases: prevention and solutions		Meeting Room
('20) 10:45 - 11:05	Coffee break		
('45) 11:05 - 11:50	Dealing with micro-organisms in substrate production (part 2): presence of propagules in the air, cleanroom classes, air quality of	control, use of LAF, use of overpressure, rules of conduct	Meeting Room
('40) 11:50 - 12:30	Breathing bags and boxes (part 1): techniques and gas exchange		Meeting Room
('65) 12:30 - 13:35	Lunch break		
13:35 - 13:45	Walk back to Mycelia		

Day 3 | Wednesday | Afternoon Program

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	('5) 13:45 - 13:50	Short practical briefing		Meeting Room
	13:50 - 17:20	Parallel Practical Sessions:		
	('55) 13:50 - 14:45	Group Pleurotus eryngii (King Oyster): Breathing bags and boxes (part 2): techniques and gas exchange Bag sealing: difficulties, problems, solutions Location: Meeting room → Workshop	Group Pleurotus ostreatus (Blue Oyster): Visit to technical floor with overpressure units + Construction and maintenance of laminar air flows: filter types, practicalities, dangers, practical review of LAF's, build and efficiency particle counting & air speed measurement Meeting point: Storage room above R&D labo	Group Lentinula Practical substra in Mycelia's technic Location: R&D lab
	('55) 14:50 - 15:45	Group Pleurotus eryngii (King Oyster): Practical substrate inoculation in Mycelia's technical lab: essentials of small-scale production Location: R&D labo	Group Pleurotus ostreatus (Blue Oyster): Breathing bags and boxes (part 2): techniques and gas exchange Bag sealing: difficulties, problems, solutions Location: Meeting room → Workshop	Group Lentinula Visit to technica + Construction a filter types, practica build and efficiency Meeting point: Str
	(30) 15:45 - 16:15	During this break: Bookshop ope	n + Payment of your Mycelia orders at the reception	
	('55) 16:15 - 17:10	Group Pleurotus eryngii (King Oyster): Visit to technical floor with overpressure units + Construction and maintenance of laminar air flows: filter types, practicalities, dangers, practical review of LAF's, build and efficiency particle counting & air speed measurement Meeting point: Storage room above R&D labo	Group Pleurotus ostreatus (Blue Oyster): Practical substrate inoculation in Mycelia's technical lab: essentials of small-scale production Location: R&D labo	Group Lentinula Breathing bags a techniques and gas Bag sealing: diffic Location: Meeting
	17:15 - 17:45	Q&A on the practical sessions	Location: Meeting Room	

NOW = Deadline samples Sac02



Day 4 | Thursday | Morning Program

Timing	Session	Location
('05) 08:15 - 08:20	Practical briefing & introduction to the program of today	Meeting Room
('30) 08:20 - 08:50	Spawn quality: importance in substrate production. Gas exchange, packing, transport and conservation, quality control	Meeting Room
('50) 08:50 - 09:40	Biological approach of different production stages: incubation, ripening, fructification	Meeting Room
('30) 09:40 - 10:10	Incubation and ripening phases, theory versus practice: climate conditions	Meeting Room
('25) 10:10 - 10:35	Coffee break During this break: Group picture	
(1h25) 10:35 - 12:00	Demonstration of incubating substrates: good and bad examples, discussion	Meeting Room
('10) 12:00 - 12:10	Introduction to the company visits <i>Please, EMPTY TABLES.</i> Before you leave, please remove all your personal items from the table. Thank you!	Meeting Room
('50) 12:10 - 13:00	Lunch break (Please take note: this lunch break is shorter than usual. Be ready at 1 pm)	
Day 4 Thursday Afternoo	n Program	
13:00	Meeting up for the bus drive Meeting point: B& Company visit Meeting point: B&	B De Steenhove
13:10	Bus drive	
14:10 / 14:40	Arrival	

14:10/14:40 – 16:10 **Company visit** 16:10 – 17:30 Drive back to Mycelia

Pick up samples SacO2

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Festive reception with mushroom-based appetizers and drinks

Shiimake (Belgian) beer tasting for the fans

Voluntary: Video-recordings of your experiences

Sound studio

Meeting Room

Corridor

ABOUT TOMORROW MORNING, for those staying at B&B STEENHOVE:

Please remember to tidy your room & to pack your bags before leaving for Mycelia. Thank you very much!

Are you about to leave? Don't forget to take your ordered samples of SacO2 with you

Lieselotte Verweirder / Fiona De Kneef



Day 5 | Friday | Morning Program

A question for those staying at B&B STEENHOVE: Is your room empty and luggage packed? Perfect!

Location

Timin	g Session	Is your room empty and luggage packed? Perfect!	Location
08:00	Meeting up for the bus drive Company visit		Meeting po
08:10	Bus drive		
08:45 / 09:00	Arrival		
09:00 - 10:40	Company visit		
10:45 - 11:30	Drive back to Mycelia		
('50) 11:40 - 12:30	Fructification techniques (Part 1): humidification, mushroom harvest and	d conservation, rules of hygiene	Location: n
('65) 12:30 - 13:35	Lunch break		
13:35 - 13:45	Walk back to Mycelia		

Day 5 | Friday | Afternoon Program

('60) 13:45 - 14:45	Fructification techniques (Part 2): humidification, mushroom harvest and conservation, rules of hygiene	Location: n
('30) 14:45 - 15:15	The last coffee break	
15:15 - 17:15	Parallel sessions:	
('55) 15:15 – 16:10	Group 1: Study case on company visit	Group 2: Mapping air contamination in substrate production. How to evaluate infection pressure in your premises with the hel day 1
	Location: Meeting room	Location: Office Magda
('55) 16:15 – 17:10	Group 1: Mapping air contamination in substrate production. How to evaluate infection pressure in your premises with the help of an air quality map. Evaluation of Petri dishes made on day 1	Group 1: Study case on company visit
	Location: Office Magda	Location: Meeting room
('30) 17:15 - 17:45	Outro, evaluation & Goodbye	Location: Meeting room



Thank you for your presence and enthusiasm *& enjoy your journey home!*

oint: Steenhove

neeting room

neeting room

p of an air quality map. Evaluation of Petri dishes made on