



T3.3. – Conduction of the community building workshops

1. The difference between Workshops, Lectures and Trainings

Firstly it is important to distinguish between a (1) workshop, (2) a lecture and (3) a training.

(1) The purpose of a **workshop** is the (*inter-*)active elaboration of something specific (e.g. discussing issues and questions, developing solutions and ideas, exchanging experiences, working on group tasks and specific topic, ...).

With the help of different methods and practical tasks, the main objective of the facilitator is to create a space, where the participants feel confident, motivated and comfortable enough to engage and interact. The facilitator takes up the role as a moderator to enable the involvement of everyone and to guide the group through an efficient and effective (co-creative) process.

Because of its hands-on character, workshops tend to have less participants or the audience is broken into smaller groups. The work share of the participants is here way higher, than in lectures or trainings

- (2) The main objective of **lectures** is *knowledge transfer*. The main task of the "lecturer" is to present and inform the audience about a specific topic. Therefore it is important, to present the information in a way, that the participants understand the information. In addition it is relevant to hold the attention of the audience and to arouse their curiosity and interest. Small group tasks and exchange phases can be a part of a lecture as well. Since the work share of the audience is very low within that format, lectures can be given to a bigger audience.
- (3) The goal of a **training** is *the improvement of specific skills and capabilities*, so that the participants have the competence to apply these skills outside of the training as well. Therefore, the trainer gives the theoretical and/or practical input about a specific topic and creates additional practice phases for the participants. That gives the participants the chance to practice new skills and behaviors in simulated situations, exercises or role-plays.

Every country should conduct one workshop. The community building workshops should all embody the same spirit as the community itself: interactive, informative, empowering. To promote that within Women4Green, we would recommend to focus rather on (1) workshop-formats than on (2) lectures.





2. Example of a Workshop-Flow

(offline would be best, but it is applicable within an online-format as well)

Facilitator: Should be female (in best case having knowledge about Green Jobs, otherwise a green job expert could be invited for 2nd part of the workshop)

Main Topic/ Theme: Job orientation, "Green Job - Dream Job: Does a green job fit to me?"

Participants: 7-15 young women in a career orientation (or reorientation) phase, women* only

Duration: 2,5 h (could be prolonged to 3 hours)

Date:

Objectives:

- participants are aware of their interests & strengths
- participants know about green jobs
- participants know possible professional sectors/ green jobs that fit to their interests and strengths
- participants have a realistic perception of what is required within their green job of interest
- participants know what to do next/ feel empowered to investigate and take further steps of action after the workshop

Time	Method	Description	Materials
0:00 - 00:10	Arrival, Introduction & Welcome	 Asking the participants already at the beginning to sign the signature list Facilitator introduces him/herself. Presents the main topic/ question of interest	 Name tags, pencils, Flipchart with the main topic Signature List
00:10 – 00:25	Ice Breaker/Opener: Sociometric exercise	The goal of that ice breaker, is to promote interaction between the participants and to get slowly into the topic.	





		Explanation of the method: https://star-e.icja.de/organisational-change/change-methods/sociometric-exercises/ Possible questions: Line up according to the alphabet (Names with "A" are first,) How tired are you? (one end of the line is 0 the other 10) I know, what green jobs are I know exactly in which field I want to work (0 = I have no idea, 10 = yes, I know!) I know my strengths I know what I don't like to do I know my interests	• 2 Papers that mark the scale on the floor; On the 1st paper is written: "0" On the 2nd paper: "10"
00:25 – 00:45	Structured Self-Reflection	Participants get a template, where they have 6 fields: "Interests", "Strengths", "What I would like to change in the world" and "My future job should not", "My future job should", "Rank your priorities" They fill in the fields by themselves (20 minutes) Sometimes young people have difficulties identifying their own strengths. So keep in mind to support them with questions, if they are stuck (e.g. "What would your friends/family say about your strengths") or looking at the lovelist. If they want, they can hang out their papers on a bulletin board so that the other can read it, e.g. during the break. If there is time, you can ask them if they want to talk about what they would wish for their future job (and what not)	 Templates (see Annex) A "gong" or something like that Nice lounge-music in the background





00:45 - 01:00	Brain Storm on Green Field/ Green Jobs	Facilitator asks participants .) What they think of and associate, when they hear the term "Green Job" .) Why they would like to work within the "Green", "Sustainable" field (how they imagine it to be) Collects all the answers on the flipchart, without telling them the "right" answer (that part comes after the break).	Empty Flipchart Pencil
01:00- 01	:10 BRE	AK	
01:10 – 01:40	Input: What are green jobs?	Short Input about Green Jobs (What are Green Jobs? Why are they important? Why do we want to motivate women to work there?) Different sectors (e.g. agriculture, education, energy, construction) on each Flipchart with one or two Green Job examples.	 Flipchart- GreenJob Gallery Green Job Descriptions/ Templates printed in A4 for individual use
01:40 – 02:00	Green Job - Gallery Walk: Getting to know & Matching a green job	 Participants get handed out Green Job Templates. The participants walk around and get through the different Sectors with the Green Job descriptions and take a look, if the jobs would be a match for them. If not:, they can look up at the internet by themselves for further Green Jobs of their interest Filling out the template with the Green Jobs that they would be interested in If they have questions, they can write them on the respective job flipchart or ask them right away 	 Flipchart- GreenJob Gallery Green Job Description Templates in A4 for individual use Pencils Nice lounge-music in the background





			If participants allow: taking photos
02:00 – 02: 20	Discussion within the plenum: Getting a realistic picture & Next steps	 Facilitator evaluates the Green Jobs that got chosen by participants. Writes it down on the Flipcharts to the sectors. Getting a realistic picture (requirements): "What do you think, which skills are required for these jobs?" Collecting answers on Flipchart. And as well to talk about specific possible next steps, if someone really wants to get on a specific career path. It would be important as well, to talk about, how you can get these skills, how to get the requiered education, where to find further informtation Collecting answers on a flipchart. If there is time discussing as well salary, job chances, 	 Flipcharts from before with selected Green Jobs Pencils
02:20 – 02:30	Farewell & Feedback	 Thanking you – words Information about the EU-project "Women4Green" (website, instagram, materials etc.) What is next, how can I be further involved in the project? Feedback/ Evaluation: 2 questions: "What did you like especially about the workshop today?" "What could we do better the next time?" or another Feedback-Method: https://blog.refak.at/blog/wp-content/uploads/2014/06/Zielscheibe.jpg Internal workshop-evaluation 	.) Information of websites for green jobs, job orientation,) Workshop-Evaluation Template (see Annexx)





	Photographing Flipcharts	

3. ANNEXX

1. Structured Self-Reflection Template







What are your strengths?



What are your interests?



What would you like to change ir the world?



My future job should...



My future job should not...



Rank these aspects by priority...

Tlexibility
Independence
Interesting & diverse task
Iob opportunities
Iob security
Ievel of Income
Incomotion opportunities

Question Translation Italian	Translation Swedish	Translation Turkish
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What are your strengths?	Quali sono i tuoi punti di forza?	Vad är dina styrkor?
What are your interests?	Quali sono i tuoi interessi?	Vad är dina intressen?
What would you like to change in the	Cosa ti piacerebbe cambiare nel	Vad skulle du vilja förändra i världen?
world?	Mondo?	
My future job should	Il mio futuro lavoro dovrebbe	
My future job should not	Il mio futuro lavoro non dovrebbe	
Rank these aspects by priority	Metti in ordine questi aspetti in base	Rangordna dessa aspekter efter
	alla loro priorità	prioritet
Flexibility	Flessibilità	Flexibilitet
Independence	Indipendenza	Oberoende
Interesting & diverse tasks	Compiti interessanti e diversi	Intressanta och varierande
		arbetsuppgifter
Job opportunities	Opportunità di lavoro	Jobbmöjligheter
Job security	Sicurezza del lavoro	Arbetssäkerhet
Level of income	Livello di guadagno	Inkomstnivå
Meaningfulness	Significatività	Meningsfullhet
Promotion opportunities	Opportunità di promozione	Marknadsföringsmöjligheter





Job Description Template

Job Title:
Job description:
What makes that job "green":
Required Skills:
Required Training/ Education:
Job opportunities:
Salary-range:





Worker horticulture

Fields: Agriculture, gardening, forestry, environment

Skilled horticultural worker (Facharbeiter:in Gartenbau) is a varied and manual occupation that involves a lot of outdoor work. Skilled horticultural workers (gardeners) grow vegetables and ornamental plants, take care of them and sell the goods to wholesalers or offer them for sale themselves. They work in nurseries, in botanical gardens, in the flower trade, in landscape and cemetery gardening or in tree nurseries. As part of their work, skilled workers cooperate with vocational colleges and have contact with suppliers and customers.

Requirements:

- **good physical condition:** transporting plant boxes and harvest containers
- physical stamina: working outdoors in all weathers
- **Manual dexterity:** transplanting young plants, repairing gardening equipment and plants.
- **Sight:** recognising plant diseases and damage
- Insensitivity of the skin: working with soil, fertilisers and pesticides
- Contact skills: selling the nursery products

Education: Apprenticeship

Duration of training: 3 years

In the apprenticeship skilled worker horticulture the apprentices learn, among other things, how to:

- Sowing vegetable and plant seeds in beds and seed trays
- Caring for young plants (watering, fertilising, weeding etc.)
- Carry out pest control measures
- Transplant young plants into beds (in cold frames or outdoor beds).
- Prepare vegetable and ornamental plants for sale

Training locations: Vienna

Vocational School for Horticulture and Floriculture

1220 Vienna, Donizettiweg 31

Tel.: +43 (0)1 4000 95860, https://www.zukunftgestalten.wien/





Taster days:

Taster days are possible in Vienna at the school garden Kagran by **appointment by telephone.**

To make an appointment, call +43 1 4000-42300

Salary:

• In the 1st apprenticeship year: 641 euros gross

• In the 2nd apprenticeship year: 747 euros gross

• In the 3rd apprenticeship year: 1,199 euros gross

Starting salary after apprenticeship $\in 1.340,00 - \in 1.890,00$

Job prospects:

Skilled workers in horticulture ensure the supply of food to the population in the field of vegetable production. Environmentally friendly processes are becoming increasingly important here. Machines already take over many processes nowadays, but manual work is still essential in this profession. The career prospects in this apprenticeship are good. Incidentally, most gardening companies are located in Lower Austria, Vienna, Styria and Upper Austria.





Voluntary Environmental Protection Year

You don't know where to go after school? You want to gain work experience? **Welcome to the Voluntary Environmental Year!**

Conducting climate protection workshops in schools, harvesting carrots in organic fields, looking after visitors in the National Park, analysing data for research projects and much more: find the activities that you enjoy and gain important practical experience!

Whether urban or rural, pure nature or an office job - choose your perfect placement from over 70 organisations all over Austria.

What requirements do you have to fulfil to be able to do a Voluntary Environmental Year?

- Completion of the 18th year of life (cut-off date: 31.08.2023)
- Interest in environmental, nature conservation or sustainability issues
- Medical certificate (mental and physical resilience for the assignment)

Where is it possible to use it?

- With over 70 non-profit organisations throughout Austria in the following areas:
- Environmental protection and education
- Nature and species conservation
- Organic farming
- Animal welfare
- Development cooperation
- Renewable energies

More info

- 6 to max. 12 months assignment, 34 hours per week
- 345 € for pocket money and meals per month (if meals are provided directly at the assignment location, the amount is reduced to 255 € per month)
- Accident, health, pension and liability insurance
- Family allowance (if the legal requirements are met)
- ÖBB-Vorteilscard and any travel costs between home during the FUJ and the place of assignment
- Accommodation by arrangement
- Creditable as a substitute for civilian service (duration: at least 10 months)

FUJ training

- You will take part in the FUJ course to accompany the Voluntary Environmental Year.
- Network with other volunteers and get practical insights into the environmental scene!
- 6 seminars (20 days), September/October to June
- You will be released from work for the FUJ course.
- 8 ECTS to be credited at the University of Agricultural and Environmental Education.





Focal points of the training

- Personal development, social skills, group dynamics
- Training and occupational fields in the environmental sector
- Skills for further professional life (e.g. media competence and media design)
- Environmental education: lectures, workshops and excursions

More info:

JUMP - Youth Environment Platform Spittelauer Lände 5, 1090 Vienna

Tel.: 01/31304-2012

E-mail: fuj@jugendumwelt.at

www.fuj.at





Garden and green space designer

Fields: Agriculture, Horticulture, Forestry / Environment

This apprenticeship can be learnt with the training focus on "greenkeeping" or "landscape gardening". The training focus "landscape gardening" includes the creation of public and private green spaces as well as their maintenance and design. The training focus "greenkeeping" represents a specialisation in golf course construction and maintenance. Garden and green space designers work with colleagues and assistants in small and medium-sized gardening, landscaping and park construction companies, as well as in federal, city and municipal gardens. Large companies with their own green spaces also employ garden and green space designers.

Tasks as a garden and green space designer

- Survey and drain the terrain
- Earth up or down and levelling the ground
- Construction of terraces, walls, paths, etc.
- Carrying out soil cultivation work
- Laying out lawns
- Green space planting
- Design and maintain outdoor facilities
- Creation of biotopes and swimming ponds
- Creation of roof and terrace gardens
- Greening of road embankments and slopes
- Create and maintain golf courses according to plans
- Repair damage to turf and plants caused by match operations
- Carry out agricultural work within the framework of environmental protection (e.g. plant bare slopes or restore stream courses).
- Handling gardening tools, equipment and vehicles
- Use of plant protection and pest control products if required

Requirements:

You are good with plants, have creative skills and are in good physical shape? You don't mind working outdoors in all weathers? Are you also good with your hands and not sensitive to chemicals? Your spatial imagination is also good, as is your ability to plan. Also necessary in this apprenticeship: customer orientation and communication skills. If you also bring environmental awareness to the apprenticeship, you are suitable for this profession. Of course, qualities such as reliability and punctuality - as in the working world in general - are favourable for a successful career.

- Manual dexterity: planting work
- Vision: recognising pathological changes in trees
- Organisational skills: coordinating the work processes on the construction site
- Ability to cooperate: working in a team
- Design skills: Designing green spaces
- general learning ability: acquiring and applying new knowledge about plant diseases, pesticides, etc.





Training: Apprenticeship (partial qualification or extended apprenticeship also possible)

Training location: Vienna

• Vocational School for Horticulture and Floriculture

1220 Vienna, Donizettiweg 31

Tel.: +43 (0)1 4000 95860, https://www.zukunftgestalten.wien/

• Dual Academy Vienna

Straße der Wiener Wirtschaft 1 1020 Vienna, https://www.dualeakademie.at/

• Partial qualification/ Extended apprenticeship:

Jugend am Werk Bildungs:Rau

Head of Department: Bernhard Braun, M.A.

Thaliastraße 85 1160 Vienna

Phone: 01 - 405 02 86 52 E-mail: bildungsraum@jaw.at

Duration of training: 2-3 years

Starting salary: € 1,380 to € 1,890 gross

- 1st year of apprenticeship: 399 853 € (gross)
- 2nd year of apprenticeship: 498 1,095 € (gross)
- 3rd year of apprenticeship: 658 1,396 € (gross)

Job prospects:

As the demand for garden and green space design is increasing, good employment prospects can be expected in this apprenticeship occupation. However, there are seasonal fluctuations in the employment situation in the sector, as it is usually only possible to work in the warm season (spring, summer, beginning of autumn).





Installation and building technician

Fields: Technology, EDP, Telecommunications

Installation and building technicians are responsible for supplying houses, flats and businesses with heat, water and air. They plan and install ventilation, heating and water supply systems and take care of the disposal of waste water and exhaust gases. In this occupation, you work primarily in heating, gas and water installation companies, but also in building services and supply engineering companies and in energy and water supply companies. You work in a team with vocational colleges and have contact with customers in the private and corporate sector.

Tasks as an installation and building technician:in:

- Customer advice on energy-saving heating and on cost-saving ventilation and water supply systems
- Measuring rooms
- Prepare, process, lay, seal pipes
- Bending and assembling sheets
- Installing measuring and control devices, pumps, fittings and air vents
- Carrying out leak tests
- Attach wall and ceiling fixings for units
- Install and connect heating, hot water and water treatment systems as well as aeration and ventilation systems
- Installation of sanitary facilities (showers, toilets, washbasins)
- Installing waste water and flue gas pipes
- Carrying out maintenance and repair work

Requirements:

- **Ability to cooperate:** working in a team
- **Dexterity:** assembling sanitary facilities and hot water and water treatment systems
- **Manual dexterity:** cutting, folding, bending and assembling sheet metal, laying and sealing pipes.
- Contact skills: advising customers
- Mathematical-computational ability: perform required calculations
- Physical endurance: assembly, maintenance and repair work
- Spatial imagination: measuring rooms, sketching laying plans
- **Problem-solving ability:** Locate and rectify faults in gas appliances, sewage systems, water supply systems and sanitary facilities.
- **Technical understanding:** carrying out pressure and leak tests, installing measuring and control devices
- Safety and environmental awareness

Education: Apprenticeship

Training in this apprenticeship occupation consists of a basic module (duration: 2 years) and at least one of the main modules gas and sanitary engineering, heating engineering or ventilation engineering (duration: 1 year). In addition, either another main module or one of the special modules bathroom design, eco-energy technology, control and regulation technology or building services planning (duration: 1 year) can be chosen.

Specialisations





- Special module bathroom design
- Main module gas and sanitary engineering
- Special module for building services planning
- Main module heating technology
- Main module ventilation technology
- Special Module Eco-Energy Technology
- Special module control and regulation technology

Duration of training: 3-4 years

Training location: Burgenland & Vienna

Mattersburg Vocational School

7210 Mattersburg, Bahnstraße 41

Tel.: +43 (0)2626 / 676 51, Fax: +43 (0)2626 / 676 51 -4, https://www.bs-mattersburg.at

Vocational School for Sanitary, Heating and Air Conditioning Technology

1060 Vienna, Mollardgasse 87/130

Tel.: +43 (0)1 / 599 16 -95670, Fax: +43 (0)1 / 599 16 -9995670, https://www.sht-wien.com

Starting salary: € 2,130 to € 2,400 gross

• 1st year of apprenticeship: 399 - 853 € (gross)

• 2nd year of apprenticeship: 498 - 1,095 € (gross)

• 3rd year of apprenticeship: 658 - 1,396 € (gross)

Job prospects:

The job prospects for graduates of this apprenticeship are good. The demand for more comfort in home furnishing and the increasing number of renovations of old buildings have a favourable effect on the employment situation. However, employment opportunities also depend on additional qualifications (knowledge of electronics, special welding techniques, etc.). Only a few women are employed as installation and building technicians.





Agricultural worker

Areas: Agriculture, livestock and forestry

Farmers grow, tend and harvest crops such as cereals and vegetables. They look after farm animals such as cows, sheep or poultry and help with forestry work. They also maintain and repair agricultural machinery and equipment and keep the farm buildings in good repair. Farmers work in small, medium and large agricultural enterprises together with vocational colleges and agricultural assistants.

Requirements:

- Good physical condition: carrying feed and seed sacks, loading crops.
- physical endurance: field, stable and forest work
- physical agility: feeding work, planting out
- Manual dexterity: setting the machines, maintenance work
- **Sight:** Checking the plants, e.g. with regard to diseases
- **Insensitivity of the skin:** Working with pesticides and fertilisers
- Technical understanding: operating agricultural machinery, maintenance work
- **Ability to work together:** teamwork in harvesting and stable work
- **Reactivity:** handling animals, working with machines
- **Independence:** Harvesting and stable work
- **general learning ability:** new developments in agricultural machinery and cultivation methods

Education: Apprenticeship

In the apprenticeship skilled worker:in agriculture, apprentices learn, among other things, how to:

- Prepare arable and cultivated land (ploughing, fertilising, etc.), sow seeds with sowing machines
- Observe plant growth; carry out weed and pest control measures
- Carry out harvesting work with different harvesting machines (e.g. combine harvester)
- Feeding and watering farm animals, cleaning stables; checking the health of animals
- produce and market agricultural products and farm specialities

Duration of training: 3 years

Training locations: Lower Austria

Edelhof Agricultural Vocational School 3910 Zwettl, Edelhof 1a

Tel.: +43 (0)2822 / 540 73, Fax: +43 (0)2822 / 540 73 -15

Starting salary: € 1,420.00 - € 2,550 gross





Job prospects:

The job as a skilled worker:in agriculture is interesting and varied, but requires a lot of physical strength, endurance and flexibility. Work is very often done outdoors, and plants, animals and machines need continuous care, attention and maintenance. Modern machines have taken over many tasks in traditional farming and often replaced human labour, which has advantages and disadvantages. Transnational regulations are also changing the daily lives of many farmers. Parallel to these challenges, there are new sectors that correspond to the current zeitgeist and require open-mindedness. Food produced in a nature-friendly way is in line with the trend of the population's health and wellness consciousness. The qualification for organic farming can be taken as additional training and increases employment opportunities.

The number of apprentices in this profession has roughly halved in recent years.





Beautician

Training areas: Medicine, health, personal hygiene

Beauticians perform skin care, health promotion and decorative treatments on clients. Skin care cosmetics include facial treatments, hand and nail care and hair removal on the body and face. Decorative treatments include make-up. Beauticians work in beauty salons and beauty shops. Depending on the size of the business, they work together with vocational colleges or other skilled workers (e.g. masseurs or hairdressers). Their activities also include counselling and the sale of cosmetic products. Treatments are only carried out on healthy skin; in borderline areas, cosmeticians work together with dermatologists. Colour and type consulting is also an important part of this profession.

Tasks as a beautician:in

- Create a skin diagnosis (examine skin type, skin condition)
- Cleansing of the skin and preparation for treatment
- Carrying out peelings
- · Application of packs and masks
- Removal of skin impurities
- Carrying out facial massages
- Work with various apparatus and devices (e.g. high-frequency devices for disinfection)
- Removal of body hair (by cold or warm resin or by laser)
- Apply make-up
- Tint and shape eyelashes and eyebrows
- Apply special make-up (e.g. set artificial eyelashes)
- Care of feet and toenails
- Care of hands and nails
- Attaching nail extensions
- Carry out colour and type consultation
- Customer advice on products
- Sale of cosmetic products

Requirements:

Are you good with your fingers, do you have creative skills and a sense of colour? Your rhetorical skills are also good, and you are also friendly, resilient and customer-oriented? Your skin is also resistant to cosmetic products and disinfectants. Furthermore, you have good eye-hand coordination and are skilled in working with your hands. In addition, you are a good listener, persuasive, concentrated and attentive. Also necessary in this profession: Patience, a well-groomed appearance, hygiene awareness and empathy. If you also bring discretion and a general ability to learn as well as an eagerness to learn to your apprenticeship, you are suitable for this profession. Of course, qualities such as reliability and punctuality - as in working life in general - are favourable for a successful career.





- Manual dexterity: for all activities in care and decorative cosmetics
- Dexterity: massaging, applying creams
- Sense of touch: examining the skin, massaging
- Eye-hand coordination: removing hair, applying packs and masks, applying make-up, painting nails
- Vision: making the skin diagnosis, removing hair, dyeing eyelashes and eyebrows.
- Insensitivity of the skin: Working with cosmetic preparations and disinfectants
- Contact skills: looking after and advising customers
- Oral language skills: advising customers, conducting sales talks
- creative ability: make-up
- general learning ability: application of new cosmetic preparations and methods

Education: Apprenticeship

In the apprenticeship cosmetician, the apprentices learn, among other things, how to:

- Conduct counselling interviews, make a skin diagnosis
- use physical beauty care (electricity, water, light, heat), UV rays and apparative cosmetics (e.g. ozone devices, high-frequency devices).
- Neck, nape and décolleté care
- Administer packs and masks
- Decorative cosmetics (make-up application, make-up, eyebrow and eyelash tinting, shaping and care)

Vocational School for Beauty Professions

1140 Vienna, Goldschlagstraße 137

Tel.: +43 (0)1 / 599 16 -95805, Fax: +43 (0)1 / 599 16 -95800

Duration of training: 2 years

Starting salary: min. € 1,390 gross

- 1st year of apprenticeship: 399 853 € (gross)
- 2nd year of apprenticeship: 498 1,095 € (gross)
- 3rd year of apprenticeship: 658 1,396 € (gross)

Job prospects:

The urban area offers more job opportunities than the rural area, as there is a larger number of corresponding businesses there.

The continuing beauty and wellness trend has a positive effect on the career prospects of beauticians. An increasing demand for qualified professionals is expected especially for services at the interface of beauty care, wellness and styling advice. However, the competitive pressure among the many beauty salons is high. Employment prospects for beauticians are good, especially for professionals with a willingness to continue their education. Further training and specialisation opportunities are available in the field of colour and style consulting, make-up design, nail design, manicure and pedicure as well as in the wellness sector (for example, total body cosmetics, anti-aging).





Bicycle mechatronics

Fields: Mechanical engineering, automotive, hospitality, leisure

Bicycle mechatronics technicians are specialists for bicycles, e-bikes and scooters, etc.

As a bicycle mechatronics technician, you are responsible for the maintenance and servicing of these vehicles.

You are also responsible for repairing defects, faults and damage. Basically, this apprenticeship teaches

you everything you need to know about repairing and maintaining such vehicles. Adaptations such as "tuning" according to customer wishes are also being used more and more often. In this profession you will also have to work on various components, such as tyres, frames, lighting and brakes, as well as circuits. Many mechanical and electrical components are part of this profession and you will also learn about them during your training.

The main task of a bicycle mechatronics technician will include fault analysis and its rectification. However, there will also be new areas in the future. Especially in the field of electronic vehicles (ebikes, e-scooters, etc.) there will be a big change. Many already see these electronic means of transport as the future. An apprentice must be prepared for the fact that there will be more and more training modules for this area.

Other tasks:

- Checking bicycle components and their maintenance/reconditioning
- Removal and installation of individual parts
- Advising customers on new products and presenting the products and also presenting all kinds of bicycles.
- Read technical documents and follow instructions.
- Maintenance of the individual products and components as well as quality assurance for a handover to the customer at the time of sale.

Requirements

- Manual dexterity: Maintenance and repair work on bicycles; removal/disassembly/installation of bicycle components (partly precision mechanical components); adjustment work e.g. on gears or brakes;
- **Eye-hand coordination:** Exact assembly of all bicycle components; checking and exact adjustment of all functions;
- **Vision:** Troubleshooting; checking bicycle components (e.g. bicycle tyres);
- **Insensitivity of the skin:** Exposure to dust and dirty bicycle parts during maintenance and repair work; work with cleaning agents and lubricants;
- **technical understanding:** disassembling and assembling drive systems, circuits, brake systems, etc.;
- Contact skills: advising and informing clients;
- **Ability to cooperate:** work in a team;
- Oral language skills: advising and informing customers; conducting sales talks.





Education: Apprenticeship

Training location: Vienna

 Vocational School for Automotive Engineering - Siegfried Marcus Vocational School 1210 Vienna, Scheydgasse 40

Tel.: +43 (0)1 / 599 16 -95735, Fax: +43 (0)1 / 599 16 -9995735, https://www.siegfried-marcus-berufsschule.at/

Duration of training: 3 years

Starting salary: approx. € 2,370 gross

Apprenticeship year: min. 730,- gross
 Apprenticeship year: min. 940,- gross

3. Apprenticeship year: min. 1,200 gross

Job prospects:

The job prospects are good, as the trend towards bicycles and e-bikes as well as all kinds of similar means of transport (e-scooters, Segways, etc.) is currently continuing and therefore the corresponding demand for service and advisory specialists is also steadily increasing. Employment prospects in the bicycle industry are stable to rising, especially in cities. The demand for skilled workers is expected to increase in the coming years.





Carpenter

Training areas: Construction/ Wood

- Manufacture and assemble products from wood and plastics
- Repair products made of wood such as furniture, flooring or components
- Working with drills, saws, planes, hammers and screwdrivers
- Operate and monitor machines controlled by computer
- Advise clients

Requirements:

- Joy of handicrafts and crafts
- Like to work on the computer
- Like to work with wood
- Like to work with machines
- Like to work with tools
- Craftsmanship
- Sense for shapes

Training: apprenticeship and partial qualification/ extended apprenticeship possible

Duration of training: 3 years (extended possible)

Starting salary: € 1,550 - € 1,980 gross

- 1st year of apprenticeship: 399 853 € (gross)
- 2nd year of apprenticeship: 498 1,095 € (gross)
- 3rd year of apprenticeship: 658 1,396 € (gross)

Training venue:

• Vocational Training Centre of BFI Vienna

1200 Vienna, Engerthstraße 117, various training locations

Tel.: +43 (0)1 33113 -20100, https://baz.at/

• Partial qualification/ Extended apprenticeship:

Jugend am Werk Bildungs:Rau

Head of Department: Bernhard Braun, M.A.

Thaliastraße 85 1160 Vienna

Phone: 01 - 405 02 86 52 E-mail: bildungsraum@jaw.at





Job prospects:

In industrial companies, carpenters often work in series production. In the mostly small or medium-sized craft enterprises, there is a clear trend towards specialisation. In industrial as well as commercial joineries, a slight decrease in employment is expected in the coming years.

Carpenters face difficult employment prospects. Knowledge of building ecology and design can improve employment prospects.





Florist

As a florist, one of your tasks is to properly care for, store and finally process a wide variety of flowers and plants. Florists are also responsible for growing various flowers. Before potted and cut flowers are finally ready for sale, you care for and prepare them. This includes tasks such as watering, fertilising and ensuring the right temperature. If flowers are infested with pests, you take care of them and take important countermeasures.

Creative tasks include designing sales areas and making wreaths, bouquets and flower arrangements. You use cut flowers, artificial or dried flowers to create a variety of flower arrangements, bouquets or wreaths with the help of decorative materials. It is not unusual to work for specific events and occasions - for example, you create special flower arrangements for weddings, funerals or for Christmas, Easter or Mother's Day.

Requirements:

- Manual dexterity: making flower arrangements and wreaths;
- Sight: assessing plant quality; selecting plant parts for flower arrangements; designing flower arrangements;
- spatial imagination: making flower arrangements and wreaths; decorating rooms;
- Contact skills: looking after and advising clients;
- Oral language skills: Advising clients;
- Design skills: Making flower arrangements.

Training: apprenticeship and partial qualification/ extended apprenticeship possible

Duration of training: 3 years

Training location: Vienna

• Dual Academy Vienna (open)

1020 Vienna, Straße der Wiener Wirtschaft 1

Tel.: +43 (0)1 514 50 -2460, https://www.dualeakademie.at/wien/home.html

• Vocational School for Horticulture and Floriculture (open)

1220 Vienna, Donizettiweg 31

Tel.: +43 (0)1 4000 95860, https://www.zukunftgestalten.wien/

Partial qualification/ Extended apprenticeship:

Jugend am Werk Bildungs:Raum

Head of Department: Bernhard Braun, M.A.

Thaliastraße 85 1160 Vienna





Telephone: 01 - 405 02 86 52 E-mail: <u>bildungsraum@jaw.at</u>

Starting salary: approx. € 1,290 gross

1st year of apprenticeship: 399 - 853 € (gross)
2nd year of apprenticeship: 498 - 1,095 € (gross)
3rd year of apprenticeship: 658 - 1,396 € (gross)

Job prospects: In general, employment opportunities exist mainly in nurseries, in the flower trade and in small businesses in the floriculture trade. Job prospects are more promising in larger cities than in rural areas, where there are usually few corresponding businesses. In general, the number of apprenticeships has declined in recent years.





Plumbers

Fields: Construction/ Wood

As a plumber, you work on everything around the house. Your broad range of tasks includes the installation, maintenance, repair and sealing of drainage systems, balconies, terraces and flat roofs. You create and install roof safety systems and advise and inform your customers. You also manufacture products for household, trade and industry (e.g. bathtubs, boilers, water jugs).

Plumbing companies usually specialise in one area; this can be building plumbing, ventilation plumbing, car plumbing or gallantry plumbing (another word for art plumbing).

Requirements:

- Physical agility: assembly of sheet metal parts on house facades
- Sense of balance: Mounting on roofs
- Manual dexterity: folding, soldering, etc.
- Eye-hand coordination: assembly work, operating metalworking machines
- Sight: soldering and welding work
- Insensitivity of the skin: handling lacquers and paints
- spatial imagination: planning and execution of sheet metal constructions
- technical understanding: making sheet metal constructions, repairing components
- Organisational skills: Coordinating work processes for assembly and repair work
- Ability to work together: assembly work in a team
- logical-analytical thinking: making sheet metal constructions
- design ability: designing ornamental objects
- Reactivity: dangerous work situations during assembly work
- Independence: independent execution of assembly and repair work
- General learning ability: Acquiring and applying new working techniques, e.g. welding techniques.

Training: apprenticeship and partial qualification/ extended apprenticeship possible

Training locations: Vienna & Burgenland

• Burgenland: Mattersburg Vocational School

7210 Mattersburg, Bahnstraße 41

Tel.: +43 (0)2626 / 676 51, Fax: +43 (0)2626 / 676 51 -4, https://www.bs-

mattersburg.at





• Vienna: Vocational School for Automotive Engineering - Siegfried Marcus

Berufsschule

1210 Vienna, Scheydgasse 40

Tel.: +43 (0)1 / 599 16 -95735, Fax: +43 (0)1 / 599 16 -9995735,

https://www.siegfried-marcus-berufsschule.at/

• Partial qualification/ Extended apprenticeship:

Jugend am Werk Bildungs:Rau

Head of Department: Bernhard Braun, M.A.

Thaliastraße 85 1160 Vienna

Phone: 01 - 405 02 86 52 E-mail: <u>bildungsraum@jaw.at</u>

Duration of training: 3 years

Starting salary: 1.960,- to 2.180,- gross

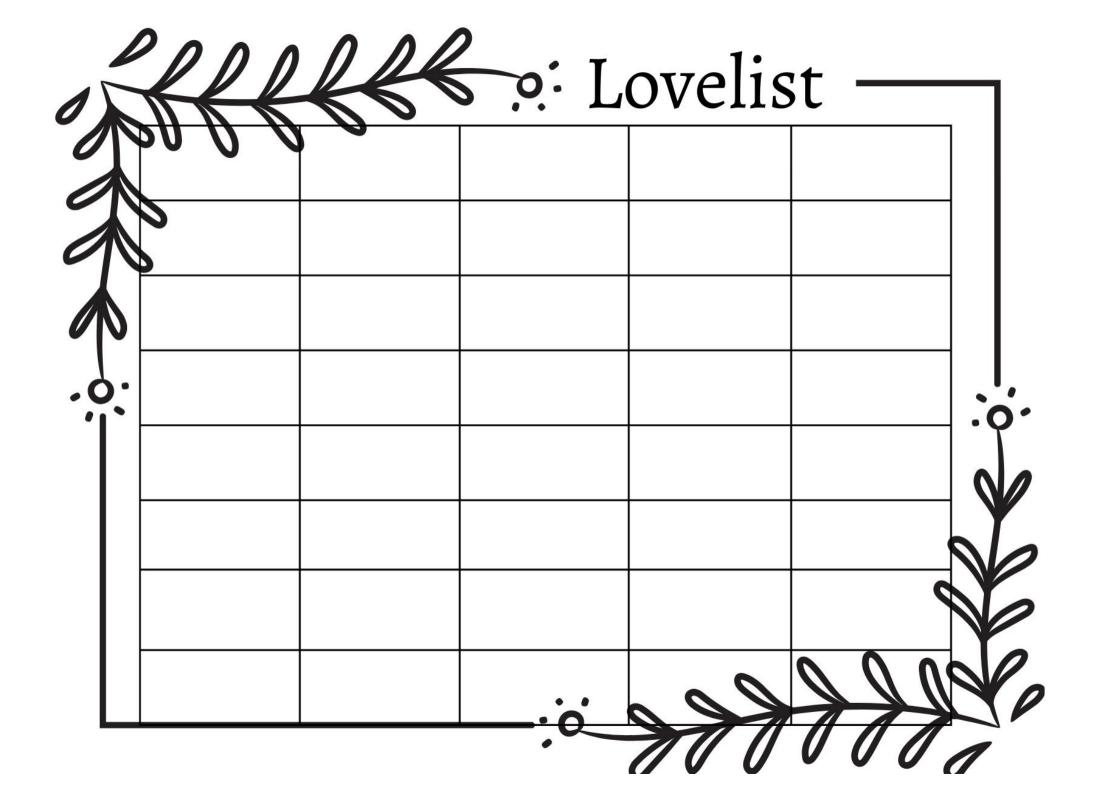
• 1st year of apprenticeship: 399 - 853 € (gross)

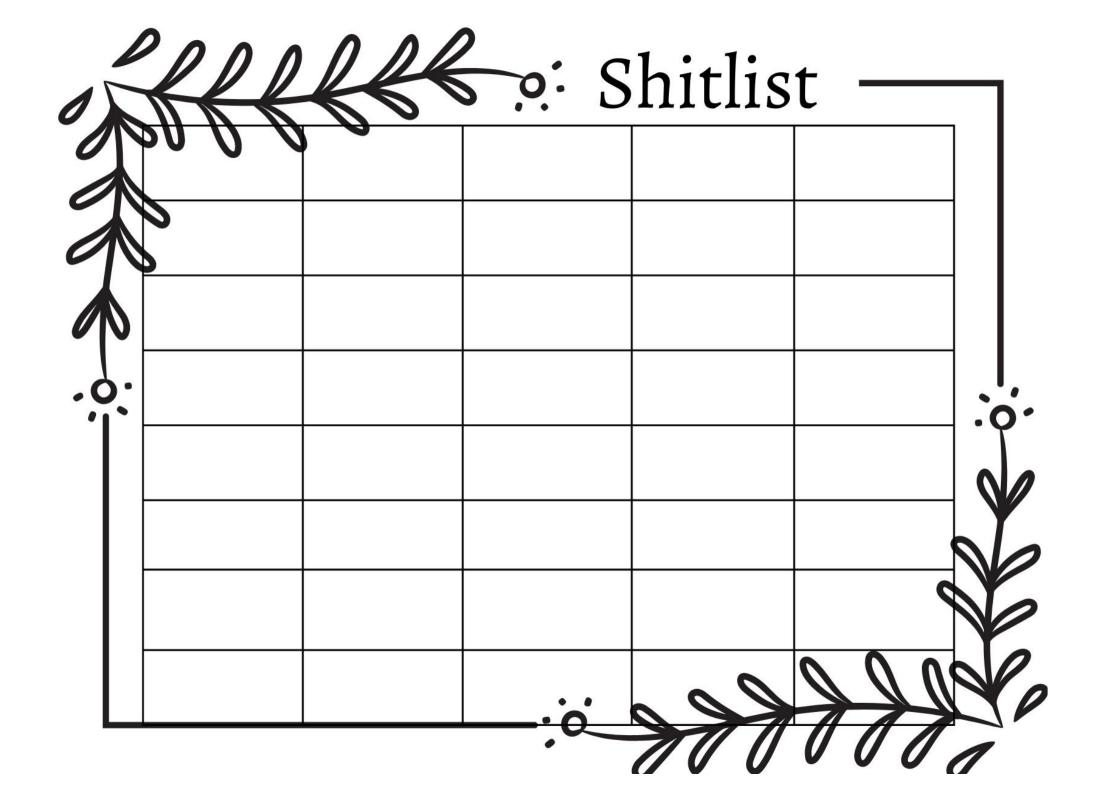
• 2nd year of apprenticeship: 498 - 1,095 € (gross)

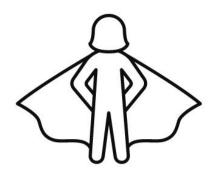
• 3rd year of apprenticeship: 658 - 1,396 € (gross)

Job prospects:

Plumbers are **always in demand**, as there will be a lot of construction in the future and topics such as protection against extreme weather influences on roofs and façades will always be an issue, as will energy efficiency and sustainability. In addition, plumbers have the knowledge and skills to find solutions for individual circumstances and thus also to adapt industrially manufactured mouldings.







What are your strengths?



What are your interests?



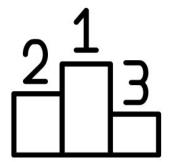
What would you like to change in the world?



My future job should...



My future job should not...



Rank these aspects by priority...

Flexibility
Independence
Interesting & diverse tasks
Job opportunities
Job security
Level of Income
Meaningfulness
Promotion opportunities





T3.3. Workshop - Evaluation

Date of the workshop:

Duration of the workshop:		
Number of participants:		
Further relevant information about participants (e.g. educational background)		
Age-range:		
• What green jobs where the most/least popular?		
• Did the participants already have knowledge about green jobs?		
How active were the participants?		
• What would I do differently in a second workshop?		
• What would I do the same?		
Additional notes/ comments:		