

# LOCAL CHALLENGES

citizens, NGOs, companies, institutions

#doncjagis





# LIST OF LOCAL CHALLENGES

**1 year, 12 themes, 54 challenges, a multitude of actions to be implemented to accelerate environmental and social transitions!**

## WHAT ARE THE CHALLENGES?

Based on climate issues, the challenges invite all local stakeholders (companies, non-profit organisations, public institutions and private citizens) to commit to taking concrete actions on one or more of the 12 themes of European Green Capital 2022.

## WHEN DO I HAVE TO COMPLETE THE CHALLENGES THAT I COMMIT TO?

Challenge actions can be implemented throughout 2022. They must be started in 2022, but may be continued after the end of the year. If applicable, we recommend setting intermediary objectives for 2022.

Every month, the Grenoble European Green Capital agency will be promoting one of the themes. In November, the challenges of the “waste” theme will be highlighted by the agency’s communication team, but this does not mean that these challenges cannot be started at the beginning of 2022.

## DO ALL THE CHALLENGES CONCERN ME?

The challenges are classed according to 4 target groups :

**Citizens** **NGOs** **Companies** **Institutions**

“Public institutions” includes regional authorities (town councils, public establishments, department council), social landlords, secondary schools and higher education institutions, regional natural parks, etc.

“NGOs” are defined here as organisations working on shared projects and group initiatives. Note that non-profit organisations with employees can also commit to the challenges aimed at companies.

## IS THERE ANY HELP AVAILABLE TO COMPLETE MY CHALLENGES?

A catalogue of resources will be published online on the [Greengrenoble2022.eu](https://greengrenoble2022.eu) website in January 2022 to help all those proposing to complete challenges. The resource catalogue will include a list of local structures for each theme, contact details for experts, a list of possible grants, a carbon footprint calculator, etc.

## **WHY SHOULD I COMMIT TO A CHALLENGE?**

The aim is to accelerate the environmental and social transitions with all the stakeholders of the Grenoble region. The European Green Capital agency will be promoting those who commit to the challenges via its website, communications, reporter teams, etc.

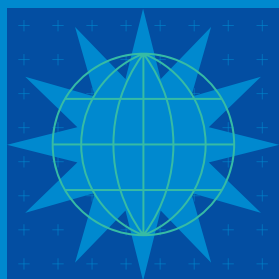
## **HOW CAN I COMMIT TO A CHALLENGE?**

The call for participants in the European Green Capital challenges was opened in October 2021 and will stay open throughout 2022. Fill in the form at <https://greengrenoble2022.eu/65-s-engager-dans-un-defi.htm>

**Let's accelerate the transitions together!**

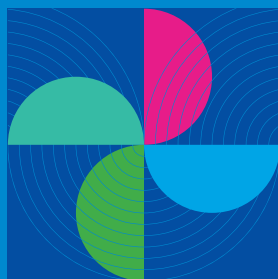


# THE 12 THEMES OF EUROPEAN GREEN CAPITAL 2022



**JANUARY**

Climate



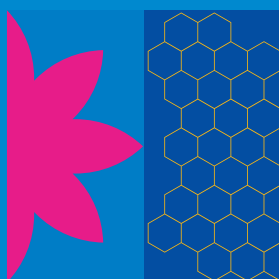
**FEBRUARY**

Air



**MARCH**

Energy



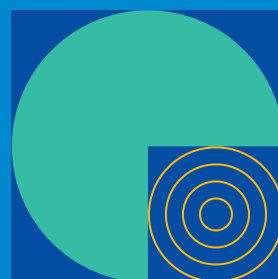
**APRIL**

Nature and  
biodiversity



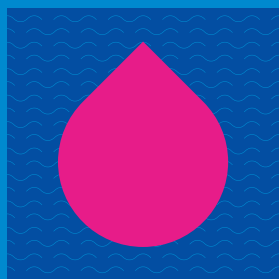
**MAY**

Producing and  
consuming  
differently



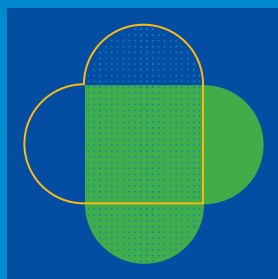
**JUNE**

Inequalities



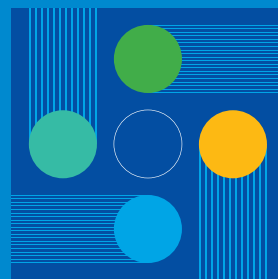
**JULY**

Water



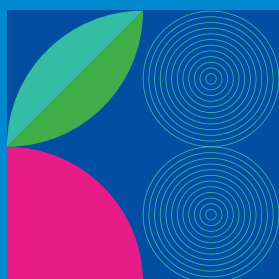
**AUGUST**

Health



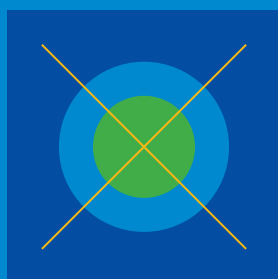
**SEPTEMBER**

Mobility



**OCTOBER**

Food and  
agriculture



**NOVEMBER**

Waste



**DECEMBER**

Living in the city  
of the future

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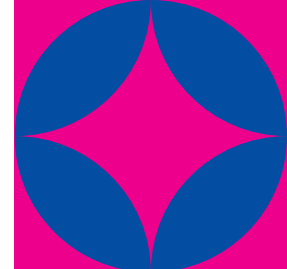
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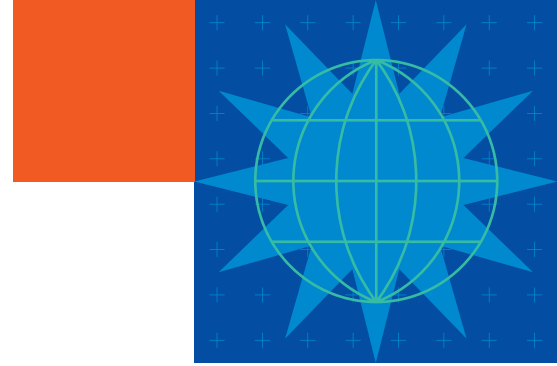
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# CLIMATE



## CHALLENGE 1.1

### Be informed and aware

Citizens NGOs Companies Institutions

- ❑ Take part in or organise information events or workshops, in order to gain awareness of climate and energy issues

## CHALLENGE 1.2

### Calculate your carbon footprint

Citizens Companies Institutions

- ❑ Calculate your carbon footprint and find out how you can reduce your emissions

Companies Institutions

- ❑ Calculate the GHG (greenhouse gas) emissions of your organisation and find out how to reduce them
- ❑ Conduct carbon accounting

## CHALLENGE 1.3

### In 2022, take action

Citizens

- ❑ Commit to actions/challenges to reduce your carbon footprint in 2022 and talk about them

Companies Institutions

- ❑ Commit your organisation to a transition initiative: CSR, exemplary administration plan, charter, mission-based company, ISO 14000.

## CHALLENGE 1.4

### Transform your events into eco-responsible events

NGOs Companies Institutions

- ❑ Organise eco-responsible events:
  - Local food (AOP, IGP, IsHere products) / organic/fair trade products, with a vegetarian option
  - Zero food waste
  - Zero disposables (bottles, cutlery, cups, etc.) and sorting of waste

- Active mobility (walking, cycling, scooter, etc.) and public transport incentives
- Responsible communications

*A table of commitments is provided on the [Greengrenoble2022.eu](https://greengrenoble2022.eu) website*

## CHALLENGE 1.5

### Motivate others

Citizens NGOs Companies Institutions

- ❑ Share your experience and expertise, learn from others, be open to others and promote more sustainable and environmentally friendly ways of living
- ❑ We are inventing/imagining/building together the framework for a desirable future, taking care not to shame others and showing that ecology helps the most vulnerable in society
- ❑ Create original materials and cultural, sporting or artistic events to raise awareness and support change, adapting them for different segments of the population (young people, pensioners, from all backgrounds, etc.): videos, exhibitions, cartoon strips, cinema screenings and discussions, series, Facebook pages, serious games, games, sports, etc.



# AIR

## CHALLENGE 2.1

### **Dry wood, efficient stove: use wood heating systems without causing pollution**

**Citizens**

- ☐ Replace inefficient wood heating systems
- ☐ Adopt best practices with regard to wood heating

## CHALLENGE 2.2

### **Full trucks: optimise deliveries!**

**Companies**

- ☐ Put full trucks on the roads: try to coordinate your deliveries with other companies
- ☐ Facilitate grouped deliveries
- ☐ Switch to carbon-free delivery services (bicycle, cargo bikes, etc.)

**Citizens**

- ☐ Limit home deliveries and choose distribution points in local shops
- ☐ Place group orders

## CHALLENGE 2.3

### **Limit transport emissions**

**Citizens** **Companies** **Institutions**

- ☐ Switch to vehicles powered by electricity, CNG (Compressed Natural Gas) or hydrogen (for HGVs). Choose bio-CNG or green hydrogen.
- ☐ Prepare for Low Emission Zone (LEZ) regulations for cars and start to look into the support measures available
- ☐ Choose active mobility (walking, cycling, etc.) and public transport where possible

**Companies** **Institutions**

- ☐ Assess your vehicle fleet, identify solutions to reduce the fleet and move away from diesel and petrol
- ☐ Install electric charging points or CNG (Compressed Natural Gas) and hydrogen stations

## CHALLENGE 2.4

### **Indoor air, healthy air**

**Citizens** **Companies** **Institutions**

- ☐ Measure the quality of air inside buildings
- ☐ Improve the quality of your indoor air: air rooms regularly, buy certified products (cleaning products, paint, supplies, furniture, carpet, etc.), check air vents or have them checked, etc.

# ENERGY

## CHALLENGE 3.1

### Reduce energy consumption and bills

Citizens

- ☐ Turn down your heating, avoid or limit air-conditioning, take short showers
- ☐ Reduce your use of household appliances: turn off the digibox, devices on standby and all appliances not in use, defrost the fridge/freezer, air-dry washing, etc.
- ☐ Create an account on the Métroénergies platform and participate in the associated challenges

Citizens Companies Institutions

- ☐ Plug in fewer devices / machines and choose ones that are more energy efficient

Companies Institutions

- ☐ Identify areas to reduce your energy bill and implement the necessary measures
- ☐ Help employees to act more eco-responsibly
- ☐ Don't heat your terrace

## CHALLENGE 3.2

### Thermal renovation of buildings: stop heat loss!

Citizens Companies Institutions

- ☐ Perform an energy assessment of your home or premises
- ☐ Undertake an energy renovation project for your home / building to improve your thermal comfort and reduce your energy bill: insulation of the walls, roof, bottom floors, doors and windows, etc.

Companies

- ☐ Implement an exemplary action plan for your buildings (see service sector decree: insulation, equipment, regulation, eco-responsible actions, etc.)

## CHALLENGE 3.3

### Switch to renewable energy

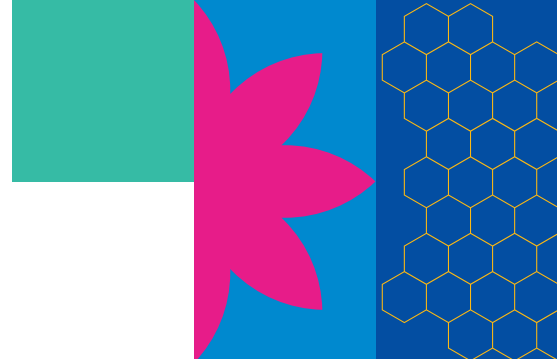
Citizens Companies Institutions

- ☐ Choose a responsible energy supplier offering high environmental value energy or with a VertVolt certification
- ☐ Use a renewable energy source for heating and/or hot water

Companies Institutions

- ☐ Contribute to producing photovoltaic electricity in your area
- ☐ Transform your processes to reduce your greenhouse gas emissions
- ☐ Connect to the local heat network if this is possible

# NATURE AND BIODIVERSITY



## CHALLENGE 4.1

### Protect biodiversity

**Companies** **Institutions**

- ☐ Perform a planting or de-sealing operation within your perimeter (car park, terrace, roof, etc.)
- ☐ Encourage the movement of animal and plant life by preserving or creating ecological corridors
- ☐ Leave room for water when landscaping the areas you are responsible for (ponds, river flows, etc.)

**Citizens** **NGOs** **Companies** **Institutions**

- ☐ Create biodiversity refuges: nesting boxes, beehives, insect hotels, ponds, squirrel bridges, etc.

**Citizens**

- ☐ Participate in group and volunteer actions in protected natural areas to help protect biodiversity

## CHALLENGE 4.2

### Plant trees!

**Citizens** **NGOs** **Companies** **Institutions**

- ☐ Plant a tree or some shrubs
- ☐ Plant local species
- ☐ Use PEFC (Pan European Forest Certification – sustainable management) or FSC (Forest Stewardship Council) wood

**Companies** **Institutions**

- ☐ Produce PEFC wood and contribute to sustainable management of forests

## CHALLENGE 4.3

### Knowing nature is the first way to act

**NGOs** **Companies** **Institutions**

- ☐ Propose nature discovery actions to your members, employees or people under your responsibility

- ☐ Organise/participate in practical training actions on the challenges of biodiversity and what we can do to help

**Citizens**

- ☐ Find out about the animal and plant species living around you
- ☐ Take guided tours of natural areas

## CHALLENGE 4.4

### Green, green grass

**Citizens** **NGOs** **Companies** **Institutions**

- ☐ Don't use pesticides
- ☐ Cut your grass less often and leave some areas unmown

**Companies** **Institutions**

- ☐ Apply “reasoned management” principles in your outdoor areas
- ☐ Opt for organic production modes, encourage the development of organic agriculture
- ☐ Do not build on agricultural land

## CHALLENGE 4.5

### Switch off the light to see the stars!

**Citizens**

- ☐ Reduce or switch off the lights on your balcony, terrace and in the garden

**Companies**

- ☐ Switch off lighted signs and window displays at night for the benefit of nocturnal animals and to reduce your energy costs
- ☐ Do not use lighted screens

**Institutions**

- ☐ Reduce street lighting

# PRODUCING AND CONSUMING DIFFERENTLY

## CHALLENGE 5.1

### #Be a consum'actor

Citizens

- ☐ Buy second-hand, borrow or repair
- ☐ Find out where your purchases come from and their environmental impact (raw materials, manufacturing processes, transport and end of life), read the labels and learn to understand the information provided

Citizens NGOs Companies Institutions

- ☐ Buy local, eco-design and sustainable goods
- ☐ Choose local suppliers or suppliers who use sustainable and eco-design production methods / Choose ISO 14 000 certified suppliers
- ☐ Buy PEFC (Pan European Forest Certification – sustainable management) or FSC (Forest Stewardship Council) paper and wood
- ☐ Put your savings into an ethical bank

## CHALLENGE 5.2

### Circular economy

Companies

- ☐ Manufacture sustainable products (long service life, repairable, recyclable)
- ☐ Whenever possible, buy recycled, recyclable and second-hand goods
- ☐ Exchange energy flows with other local companies or share requirements
- ☐ Rent or share equipment that you only use occasionally
- ☐ Help to create circular economy activities
- ☐ Buy as close as you can to your production site from local, national and European operations (agricultural and forestry operations, quarries, mines, etc.) and suppliers who limit their environmental impact

## CHALLENGE 5.3

### Digital sobriety

Citizens NGOs Companies Institutions

- ☐ Limit the number of electric and electronic devices plugged in and replace them less frequently
- ☐ When buying, opt for second-hand and/or reconditioned equipment

Citizens

- ☐ Apply eco-responsible principles to digital technology: switch off power to your digibox, watch fewer videos on streaming, clean your inbox and delete files shared online, delete/deactivate unnecessary applications and functions on your mobile phone, bookmark your favourite websites, use a responsible search engine

Companies Institutions

- ☐ Develop an eco-design website and applications to reduce their environmental impact and encourage accessibility

## CHALLENGE 5.4

### Ecological innovation

Companies Institutions

- ☐ Develop new processes, products, usages and services that are good for the environment: carbon-free economy, energy efficiency, renewable energies, responsible digital technology, carbon neutrality, risk management, sustainable buildings and cities, clean and efficient transport, circular economy, health and environment, water and biodiversity





## CHALLENGE 5.5

### Green business

#### Companies

- ❑ Sign up for the “Green business” challenge:
  - Reduce waste, particularly by sorting food waste
  - Propose bulk products and accept containers
  - Control your energy consumption: switch off window displays and limit the use of air conditioning and heating
  - Buy responsible, local goods from eco-labelled suppliers
  - Make an active effort to raise awareness among your customers and suppliers
  - Commit to an eco-responsible certification approach (e.g.: Clef Verte for restaurants and landlords)
  - Opt for bicycle deliveries

## CHALLENGE 5.6

### Sustainable tourism

#### Citizens

- ❑ Choose a nearby destination for your holidays and weekends and use carbon-free transport to get there (train, bicycle, etc.)

#### Companies

- ❑ As a tourism hospitality service provider, work towards the “Clef Verte” certification
- ❑ As a business travel or events professional, work towards the ISO 20 121 certification
- ❑ Sign up for the “Responsible landlord” challenge:
  - Identify what you use energy for (water, heating, electric appliances, etc.) and reduce your consumption
  - Implement a “zero plastics” policy for the consumables provided to customers, notably in hotel rooms (soap, toothbrushes, etc.)
  - Buy responsible, local goods from eco-labelled suppliers (food, cleaning products, etc.)

- Make an active effort to raise customer awareness of energy consumption (water consumption, etc.) and eco-responsible actions (unplug chargers when not in use, etc.)
- Reduce waste, particularly by sorting food waste
- Initiate an energy renovation process for your establishment

## CHALLENGE 5.7

### Green Processes

#### Companies

- ❑ Manufacture according to a specification based on eco-design, extend the useful life of your products
- ❑ Develop new processes to preserve resources (reduce material quantities, energy consumption, etc.)
- ❑ Implement remanufacturing in your industrial process by using recycled materials

# INEQUALITIES

## CHALLENGE 6.1

### Food can be healthy, sustainable and inexpensive!

Citizens

- ❑ Sign up for a local, “solidarity-based” food box scheme
- ❑ Reduce meat consumption and opt for local (AOP, IGP, IsHere), seasonal and organic products

NGOs Institutions

- ❑ Develop access to local, seasonal and organic produce for low-income households
- ❑ Develop community gardens and social grocery stores
- ❑ Develop education programmes on “better eating”

## CHALLENGE 6.2

### Solidarity with the most severely affected countries

Citizens

- ❑ Participate in charity operations for people affected by climate change

NGOs Institutions

- ❑ Organise knowledge-sharing operations about the causes of migrations and their relationship with climate challenges

## CHALLENGE 6.3

### Ecological transition: new occupations for everyone

Companies Institutions

- ❑ Identify the occupations in your sector that will be affected by the ecological transition and the skills that will be needed
- ❑ Support SWP (Strategic Workforce Planning) operations, particularly for the least qualified workers

- ❑ Promote local companies that are active in the transition field
- ❑ Raise awareness and promote the occupations of the ecological transition and the circular economy

## CHALLENGE 6.4

### Committed residential neighbourhoods: synergised local initiatives

NGOs Institutions

- ❑ Identify all the environmental actions in your neighbourhood (community gardens, zero-waste districts, walking bus, etc.) and introduce them to each other
- ❑ Seek out the people least engaged in environmental issues: use existing groups or develop new ones
- ❑ Create opportunities for meetings to mix social classes, neighbourhoods and groups to encourage understanding and sharing of knowledge
- ❑ Share the idea that ecology is also an opportunity. Promote actions already implemented by the most vulnerable populations, often because they have no other alternatives

## CHALLENGE 6.5

### Put a stop to energy poverty

NGOs Institutions

- ❑ Help the most vulnerable and unstable populations to reduce their energy bills: thermal insulation of homes, eco-responsible actions, etc.
- ❑ Help the most vulnerable populations to access carbon-free mobility: public transport, trains, bicycle

# WATER

## CHALLENGE 7.1

### The sea starts here

#### Citizens

- ☐ Don't throw waste down drains, or throw away cigarette butts in public places
- ☐ When gardening or cleaning, use products that are non-toxic for water and for aquatic environments

#### Citizens NGOs Companies Institutions

- ☐ Participate in or organise cleaning operations for your local water ways
- ☐ Limit your use of disposable plastic as much as possible in order to help reduce the "7th continent" of plastic waste in the oceans

## CHALLENGE 7.2

### Clean, precious water

#### Citizens

- ☐ Save water, take showers rather than baths
- ☐ Drink tap water, which is of high environmental quality!

#### Citizens Companies Institutions

- ☐ Collect rain water to water your garden. Do not water during periods of drought

#### Companies Institutions

- ☐ Protect the quality and quantity of water resources

## CHALLENGE 7.3

### Flowing water in the city

#### Citizens Companies Institutions

- ☐ Don't render the ground impermeable: choose gravel or soil rather than concrete
  - ☐ Encourage water infiltration or collection
- #### Institutions
- ☐ Make space for waterways and water in the city
  - ☐ Develop water points (fountains, water misters) throughout the municipality

# HEALTH

## CHALLENGE 8.1

### The sweet sound of silence

Citizens NGOs Companies Institutions

- ☐ Whenever possible, use a silent mode of transport
- ☐ When using a motor vehicle, drive smoothly and make sure your exhaust pipe complies with standards
- ☐ Set yourself targets to reduce your average fuel consumption

Companies Institutions

- ☐ Choose and propose carbon-free delivery services
- ☐ Reduce the noise levels of production process machinery

## CHALLENGE 8.2

### Target: zero toxic substances

Citizens

- ☐ Be aware of the toxic substances present in your everyday environment (additives, preservatives, VOCs, endocrine disruptors) and their impact on your health, the health of your children and the environment
- ☐ Air rooms regularly, use natural and/or eco-labelled cleaning products (vinegar, bicarbonate, black soap)
- ☐ Eat organic/pesticide-free food, do not store food in plastic containers
- ☐ Use responsible beauty products
- ☐ Opt for eco-labelled paint and wall coverings, textiles and furnishings

Citizens NGOs

- ☐ Sign up for or organise workshops, share your recipes

Companies Institutions

- ☐ Make the “zero toxic substances” target part of your cleaning contracts and limit toxic inputs in your production processes

## CHALLENGE 8.3

### Sport for good health

Citizens

- ☐ Try to clock up 10,000 steps and 15-20 minutes of physical activity every day
- ☐ Ask your doctor for advice on physical and sporting activities
- ☐ Prefer physical and sporting activities that have a low ecological impact
- ☐ Buy your sports equipment second-hand and give away equipment you no longer use

Companies Institutions

- ☐ Put the conditions in place to enable your agents and employees to practice a physical or sporting activity
- ☐ Share vehicles that are not used at the weekend with sporting associations

NGOs Institutions

- ☐ Propose sporting activities to suit all abilities and states of health
- ☐ Raise public awareness of doping, nutrition and the risks of practising sport
- ☐ Use ecological methods to maintain your sports facilities

## CHALLENGE 8.4

### Living conditions to promote good health

Companies Institutions

- ☐ Provide living conditions to promote good health (cool islands, nature in the city, active mobility, etc.)
- ☐ Analyse the health impacts of your projects



# MOBILITY

## CHALLENGE 9.1

### Less than 5km? By foot or bike!

**Citizens** **NGOs** **Companies** **Institutions**

- ☐ Opt for “active modes”: walking, scooter, bicycle for all trips of less than 5km

**Citizens**

- ☐ Take refresher training courses if necessary, learn how to repair your bike

**Institutions**

- ☐ Encourage cycling (rental service, creation of trial schemes, safe parking areas, refresher training courses, repair workshops, multimodal route calculators, etc.)
- ☐ Accelerate the development of safe cycle paths for all

**Companies**

- ☐ Use active mobility and socially responsible modes for your incoming and outgoing deliveries
- ☐ Provide secure bicycle parking, a fleet of company bikes, organise awareness workshops, refresher training courses, repair workshops, etc.

## CHALLENGE 9.2

### Truly public transport

**Citizens**

- ☐ Take out a public transport subscription
- ☐ Use park+ride schemes to avoid taking your car into the city

**Companies** **Institutions**

- ☐ Encourage/incentivise public transport use: communication, access map, prices, personalised advice

## CHALLENGE 9.3

### Stop solo car use

**Citizens**

- ☐ Monitor the actual cost of using your car: fuel consumption, insurance, parking, etc.
- ☐ Try car-pooling, either as a driver or as a passenger
- ☐ Try car-sharing
- ☐ If you have two cars, only keep one

**Companies**

- ☐ Create a “sustainable mobility” package
- ☐ Set up an Employer Mobility Plan (PDME), participate in the M'PRO initiative

## CHALLENGE 9.4

### Air or bus?

**Citizens** **Companies**

- ☐ Opt for the train instead of the plane if possible for journeys under 4 hours
- ☐ Cut down your air travel

# FOOD AND AGRICULTURE

## CHALLENGE 10.1

### Fresh, seasonal, organic and local

Citizens NGOs Companies Institutions

- ☐ Eat/buy fresh, seasonal, organic and local products.
- ☐ As a consumer, support organic and local production, processing and distribution operations (AB, AOP, IsHere) and farm shops

Companies

- ☐ Reserve space for “IsHere” products in your shop
- ☐ Diversify your procurement and introduce local and/or certified organic products

## CHALLENGE 10.2

### Less meat?

### Yes, but high-quality, local meat!

Citizens NGOs Companies Institutions

- ☐ Eat less meat and adopt plant-based protein alternatives.
- ☐ Check meat quality and choose local and/or certified meat (AB, Label Rouge, Bleu Blanc Cœur, agro-pastoral meat, IsHere brand, etc.)

## CHALLENGE 10.3

### Zero food waste

Citizens

- ☐ Only eat the quantity of food you need
- ☐ Buy as little pre-processed food as possible
- ☐ Turn food waste into compost
- ☐ Use solidarity fridges to give away what you are unlikely to consume before the expiry date

NGOs Companies Institutions

- ☐ Take action with employees and guests to reduce food waste by modifying the quantities proposed, self-service, packaging, choices, etc.

- ☐ Work towards obtaining the “anti-food waste” label set up by Law No. 2020-105 of 10 February 2020 on the circular economy and reducing waste

- ☐ Implement a reservation system for the canteen

Companies

- ☐ Offer the option of taking uneaten food home or reuse it

## CHALLENGE 10.4

### Institutional catering and school canteens: local or organic products

Companies Institutions

- ☐ Propose menus with more organic and local products with the goal of 40% local and organic by the end of 2022, prioritise “home-made” products and take part in the local and organic produce week in Isère
- ☐ Propose a vegetarian option for each meal and/or 2 vegetarian meals per week
- ☐ Eliminate plastic from all containers
- ☐ Reduce and sort food waste
- ☐ Meet local suppliers (including suppliers of semi-processed goods) to identify together supply and demand
- ☐ Contact other catering managers to exchange best practices for public contracts and discuss suppliers meeting these criteria
- ☐ Seek to obtain the ECOCERT label for canteens and restaurants or, if you already have it, find out how to obtain an even higher quality label
- ☐ Calculate the carbon footprint of your menus
- ☐ Use your contracts to encourage service providers to introduce local or organic products, as a sign of quality
- ☐ Sign up for the French municipality assistance programme for institutional catering and/or the inter-territorial food project support programme



## CHALLENGE 10.5

### Official buffets and working meals: local and high-quality products!

**Companies** **Institutions**

- ☐ Offer buffets or working meals with local products (AOP, IGP, IsHere) and organic products; propose vegetarian meals or options; aim for zero plastic/zero disposables
- ☐ Raise awareness among caterers chosen for official events and working meals on the sourcing of organic, local products (AOP, IGP, IsHere)

## CHALLENGE 10.6

### Green restaurants

**Companies**

- ☐ Sign up for the “Green restaurants” challenge
  - Propose a vegetarian alternative for every meal
  - Favour organic and/or local and “home-made” products
  - Reduce and sort food waste
  - Stop buying disposables and accept/propose containers for food to take away

**Citizens**

- ☐ In restaurants, ask where the food comes from. If not proposed, ask your restaurant about the possibility of vegetarian and organic options, and options without disposable packaging

## CHALLENGE 10.7

### Orchards and vegetable patches: gardening for all

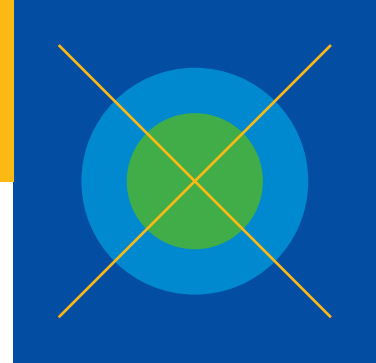
**Citizens**

- ☐ Plant edible plants and grow them without using pesticides

**Institutions**

- ☐ Encourage the development of community gardens and urban agriculture

# WASTE



## CHALLENGE 11.1

### Zero plastic pollution, zero disposables

Citizens NGOs Companies Institutions

- ☐ In 2022, don't buy water in plastic bottles
- ☐ Refuse disposable cups and all single-use plastic
- ☐ Organise or take part in citizen waste-collection actions
- ☐ Use or provide suitable equipment to dispose of cigarette butts (pocket ashtrays, street ashtrays, etc.)

Citizens Companies Institutions

- ☐ Drink tap water
- ☐ Use washable nappies and zero-waste options
- ☐ Return (or provide) containers for takeaway food
- ☐ Buy/sell in bulk
- ☐ Ensure all conditions are in place to encourage zero plastic and zero disposables by employees, agents, members and the visiting public

Citizens

- ☐ Use reusable water bottles and mugs

## CHALLENGE 11.2

### Prolong the life of objects and clothes!

Citizens NGOs Companies Institutions

- ☐ Buy objects, clothes and equipment designed to last
- ☐ Repair things that are broken/damaged or seek help from repair professionals
- ☐ Identify those in the business of reuse and use them to buy, sell, donate and exchange objects and clothes

Citizens Companies Institutions

- ☐ Put in place donation cupboards and a clothing collection point. Organise a "clothing exchange" or jumble sale.

## CHALLENGE 11.3

### Zero-waste districts, villages, schools and companies

Citizens NGOs Companies Institutions

- ☐ Where you live, work or study, be a leader in reducing waste on a large scale and look out for allies to promote the principles of zero waste together: compost, reusable crockery, bulk buying, home-made products, reuse, sharing, etc.

## CHALLENGE 11.4

### Composting: returning to the earth

Citizens NGOs Companies Institutions

- ☐ Sort food waste
- ☐ Use a vermicomposter or collective composter
- ☐ If you have a garden, compost your food waste and use plant waste as a resource (straw, grass cuttings, mulching, composting, grinding, etc.)

## CHALLENGE 11.5

### Sorting for recycling

Citizens

- ☐ Seek sorting advice and adopt good practices, even when travelling or on holiday
- ☐ Where possible, buy unpackaged products, or at least in recyclable packaging

NGOs Companies Institutions

- ☐ Develop sorting at work, in schools, at events, etc.

Companies

- ☐ Manage waste sustainably for optimal recycling



# LIVING IN THE CITY OF THE FUTURE

## CHALLENGE 12.1

### Sustainable construction

**Companies** **Institutions**

- ❑ Build bioclimatic, low-energy buildings: passivhaus label
- ❑ Prefer biosourced and local materials with a low ecological footprint, such as wood or earth
- ❑ Encourage the reuse of construction site materials and set up virtuous site waste recovery practices
- ❑ Leave room for plants and biodiversity in your constructions
- ❑ Adapt urban planning to the natural risks

## CHALLENGE 12.2

### Renovating and building the city on the city

**Companies** **Institutions**

- ❑ Implement tactical or transitional urban planning methods to redesign space usage with citizens
- ❑ Anticipate possible usage changes, think about modular architecture
- ❑ Decontaminate soil naturally by limiting excavations and use of landfill sites
- ❑ Due to demand for housing, fight to limit vacant residential, office and public buildings

**Citizens** **Companies** **Institutions**

- ❑ Renovate and rehabilitate your home or office buildings instead of building new ones

**Institutions**

- ❑ Design compact, polycentric cities to limit travel

## CHALLENGE 12.3

### Desirable city

**Institutions**

- ❑ Help make the city pleasant and financially affordable
- ❑ Embellish the city and encourage biodiversity, improve landscapes, support friendly, eco-responsible urban services
- ❑ Leave room for water in the city, create places to cool down

**Companies** **Institutions**

- ❑ Build housing to suit the needs of different populations (families, senior citizens, etc.)

## CHALLENGE 12.4

### Citizen participation: talking and acting together

**Citizens** **NGOs**

- ❑ Participate in citizen dialogue actions, look after shared assets
- ❑ Join formal or informal public interest organisations and associations
- ❑ Join a participative organisation (board, neighbourhood committee, youth/ expert council, development council, etc.)

**NGOs** **Institutions**

- ❑ Support citizen initiatives

**Institutions**

- ❑ Consult citizens on your projects and public policies, guaranteeing a transparent, quality process, with justified follow-up of all contributions; choose different formats, places and approaches to mobilise all segments of the population and be attentive to the diversity of the people involved in all participative initiatives

# NOTES





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