



Institute for Bioengineering of Catalonia

Commuting habits survey of IBEC workers

November 2021

Engineering solutions for **health**

PARTICIPATION

30th November 2021 **n=379** workers



Answered the survey **n=130**



34,3%
participation



Thanks for your participation!

SUMMARY



1) Situation of IBEC workers

- Changes due to the pandemic: **questions 1 and 4**
- Location and distance to work: **questions 5 and 6**

2) Means of transport: **questions 2 and 3**

- Why public transport: **questions 7 and 8**
- Why car/motorbike: **questions 9 and 10**

3) Sustainable proposals: **questions 11 and 12**



SITUATION OF IBEC WORKERS

SITUATION OF IBEC WORKERS



- 1) How many days are you currently coming to IBEC?**
- 2) How are you coming to work (most commonly)?
- 3) If you chose others, specify:
- 4) Have you changed your commuting habits due to the pandemic?**
- 5) What is your approximate distance from work?**
- 6) What is your commuting duration (round trip)?**
- 7) In case you are using public transport, why?
- 8) If you chose others, specify:
- 9) In case you are coming by car/motorbike, why?
- 10) If you chose others, specify:
- 11) Would you be willing to share your car with other workers living in your area in a service organized by IBEC?
- 12) Which action could IBEC perform in order to promote more sustainable ways of commuting?

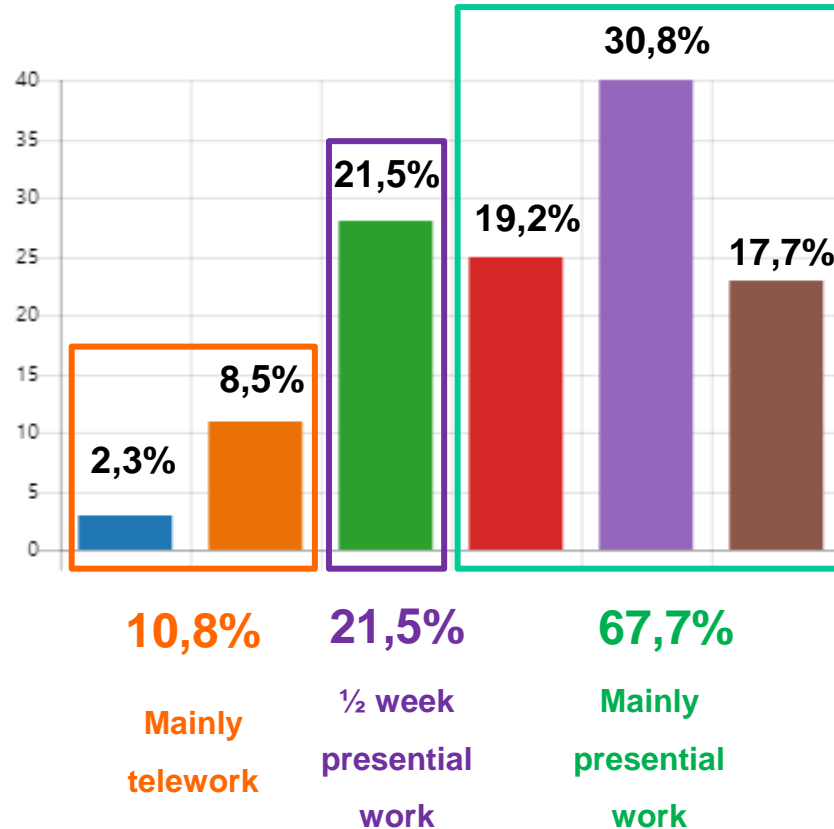


Changes due to pandemic (Questions 1 and 4)



How many days are you currently coming to IBEC? Total answers 130

- I telework all days 3
 - One day per week 11
 - From 2 to 3 days per week 28
 - More than 3 days per week 25
 - Every working day 40
 - Every working day and someti... 23
- *sometime also in the weekend

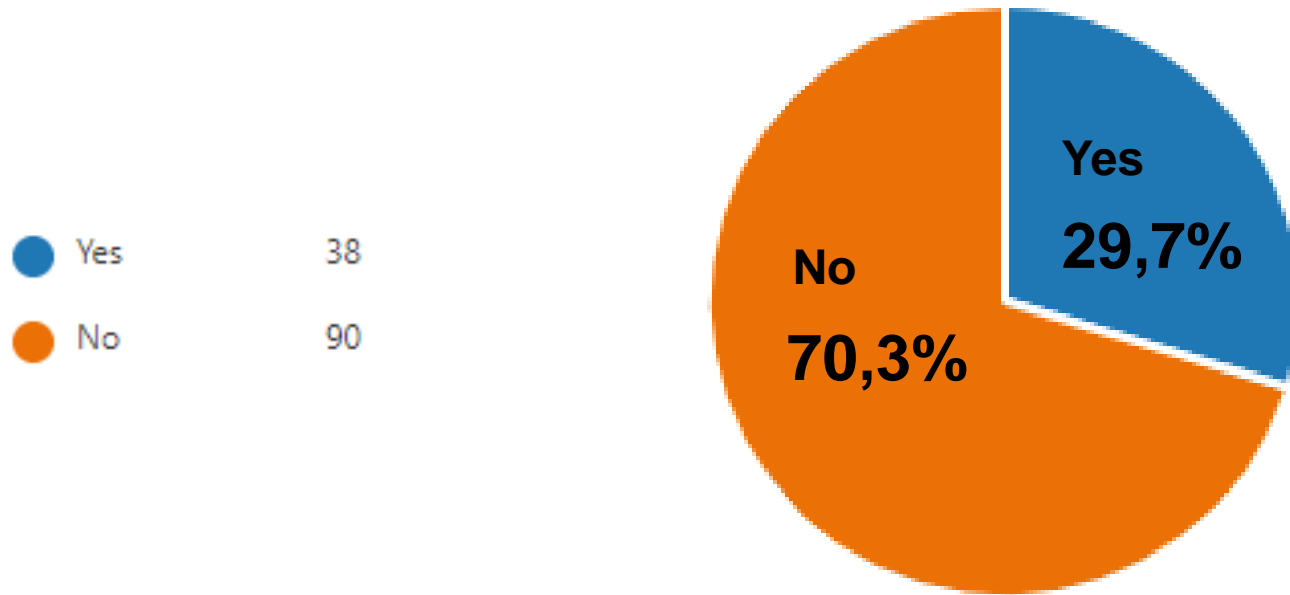


Changes due to pandemic (Questions 1 and 4)



Have you changed your commuting habits due to the pandemic?

Total answers 128

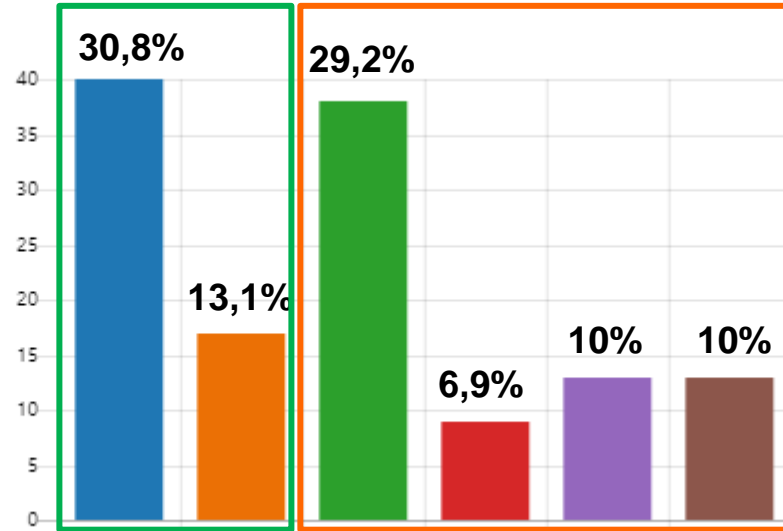


Location and distance to work (Questions 5 and 6)



What is your approximate distance from work? Total answers 130

- Less than 3km 40
- Between 3 and 5km 17
- Between 5 and 10km 38
- Between 10 and 20km 9
- Between 20 and 30km 13
- More than 30km 13



43,9 %

**Less than 5 km
(walking/biking
friendly distance)**

56,1%

More than 5 km

Location and distance to work (Questions 5 and 6)



What is your commuting duration (round trip)? Total answers 127

Time	% workers		
Less than 10 min	4,7%	12,6 %	Less than 30 min
Between 15-20 min	7,9%		
Between 30-45 min	33,8%	60,6 %	Between 30 min to 1 h
Between 45 min-1 h	26,8%		
More than 1 h to 2 h	19,7%	26,8 %	More than 1 h to 3 h
Between 2-3 h	7,1%		



MEANS OF TRANSPORT

MEANS OF TRANSPORT



- 1) How many days are you currently coming to IBEC?
- 2) How are you coming to work (most commonly)?**
- 3) If you chose others, specify:**
- 4) Have you changed your commuting habits due to the pandemic?
- 5) What is your approximate distance from work?
- 6) What is your commuting duration (round trip)?
- 7) In case you are using public transport, why?**
- 8) If you chose others, specify:**
- 9) In case you are coming by car/motorbike, why?**
- 10) If you chose others, specify:**
- 11) Would you be willing to share your car with other workers living in your area in a service organized by IBEC?
- 12) Which action could IBEC perform in order to promote more sustainable ways of commuting?

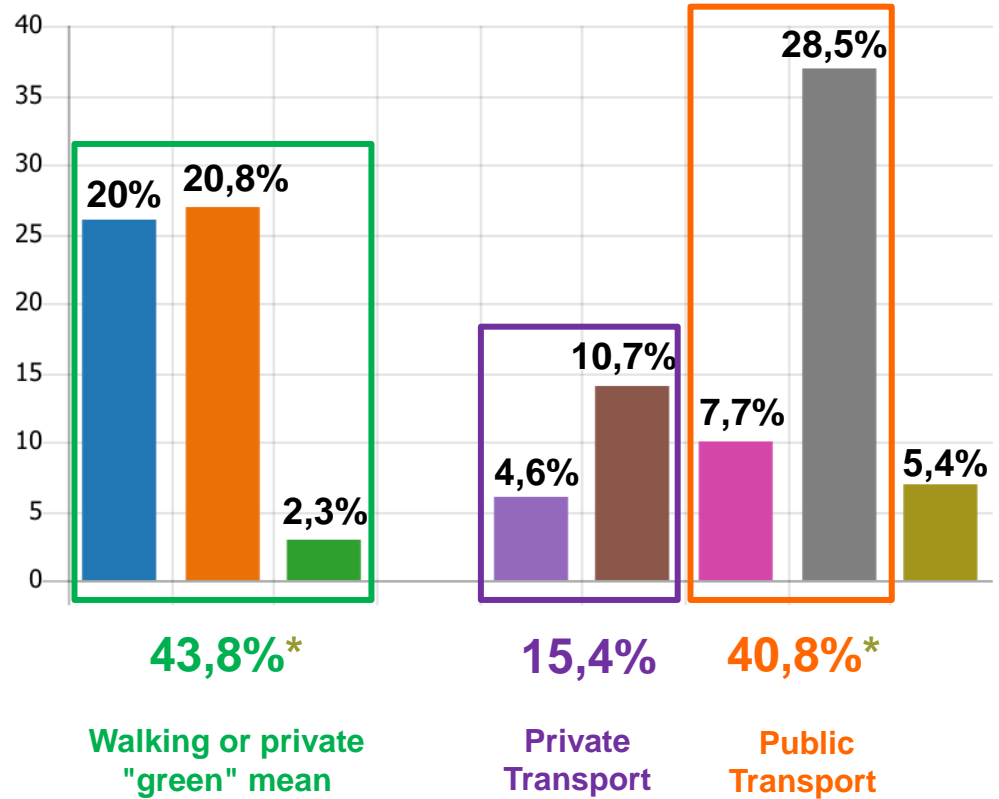


Means Of Transport (Questions 2 and 3)



How are you coming to work (most commonly)? Total answers 130

- Walking 26
- Biking 27
- Using electric bike or scooter 3
- Rollerskating/ Skating 0
- By motorbike 6
- By car 14
- By train 10
- By subway or bus 37
- Other 7



* Considering Other = 1 hybrid car / tram or commuting more than one public transport in combination with walking



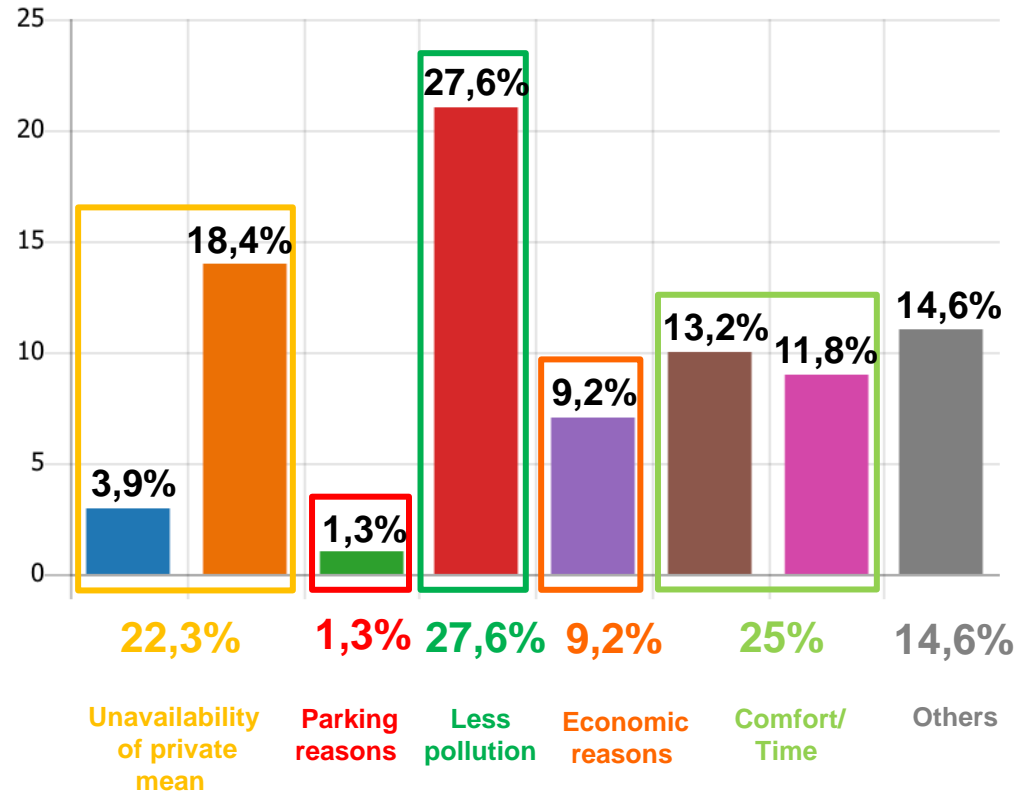
Means Of Transport (Questions 7 and 8)



In case you are using public transport, why? Total answers 76

- I do not have a driving licence 3
- I do not have a car/motorbike 14
- I can never find a place to park 1
- It is less polluting 21
- It is cheaper than driving 7
- The public transport is faster 10
- The public transport is more c...* 9
- Others 11

*The public transport is more comfortable



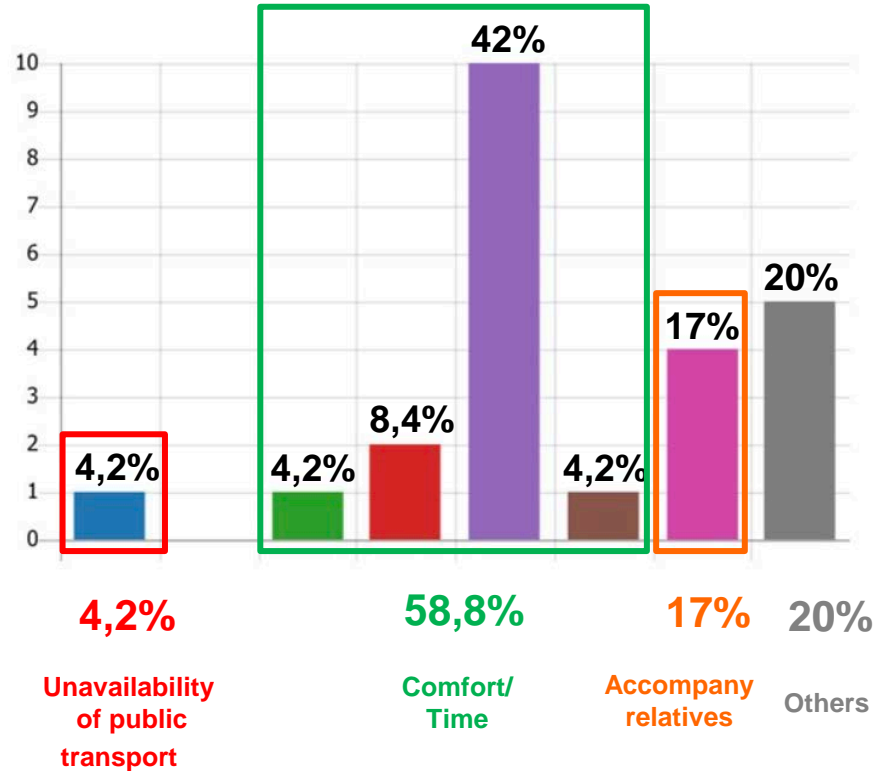
*Others = combination of the mentioned factors + in case it is raining

Means Of Transport (Questions 9 and 10)



In case you are coming by car/motorbike, why? Total answers 24

- There is no public transport where I live
- The stops are far from where I live
- The frequency is very low
- I have to do too many transfers
- It is faster by car/motobike
- It is more comfortable by car/motorbike
- I need to accompany my relatives before or after work
- Others



*Others = combination of the mentioned factors + Fear of COVID infection



SUSTAINABLE PROPOSALS

SUSTAINABLE PROPOSALS



- 1) How many days are you currently coming to IBEC?
- 2) How are you coming to work (most commonly)?
- 3) If you chose others, specify:
- 4) Have you changed your commuting habits due to the pandemic?
- 5) What is your approximate distance from work?
- 6) What is your commuting duration (round trip)?
- 7) In case you are using public transport, why?
- 8) If you chose others, specify:
- 9) In case you are coming by car/motorbike, why?
- 10) If you chose others, specify:
- 11) Would you be willing to share your car with other workers living in your area in a service organized by IBEC?**
- 12) Which action could IBEC perform in order to promote more sustainable ways of commuting?**

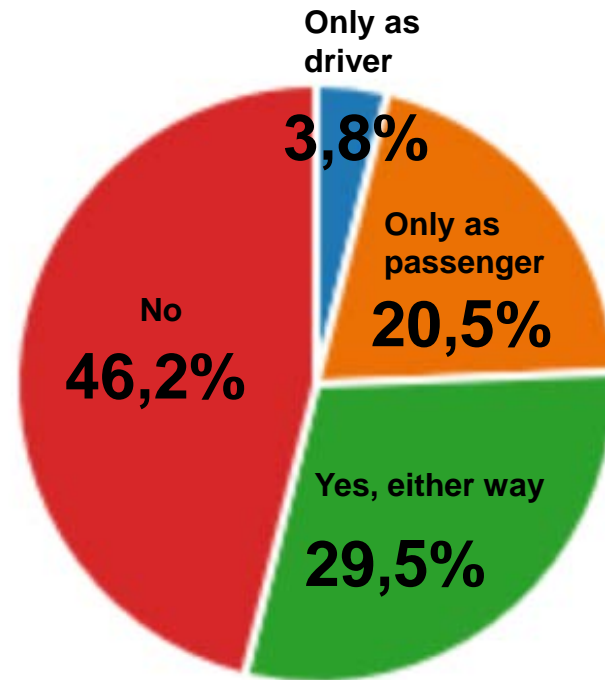



Sustainable proposals (Questions 11 and 12)



Would you be willing to share your car with other workers living in your area in a service organized by IBEC? Total answers 78: From all participants to the survey

● Yes, only driving my car	3
● Yes, only as passenger	16
● Yes, either way	23
● No	36





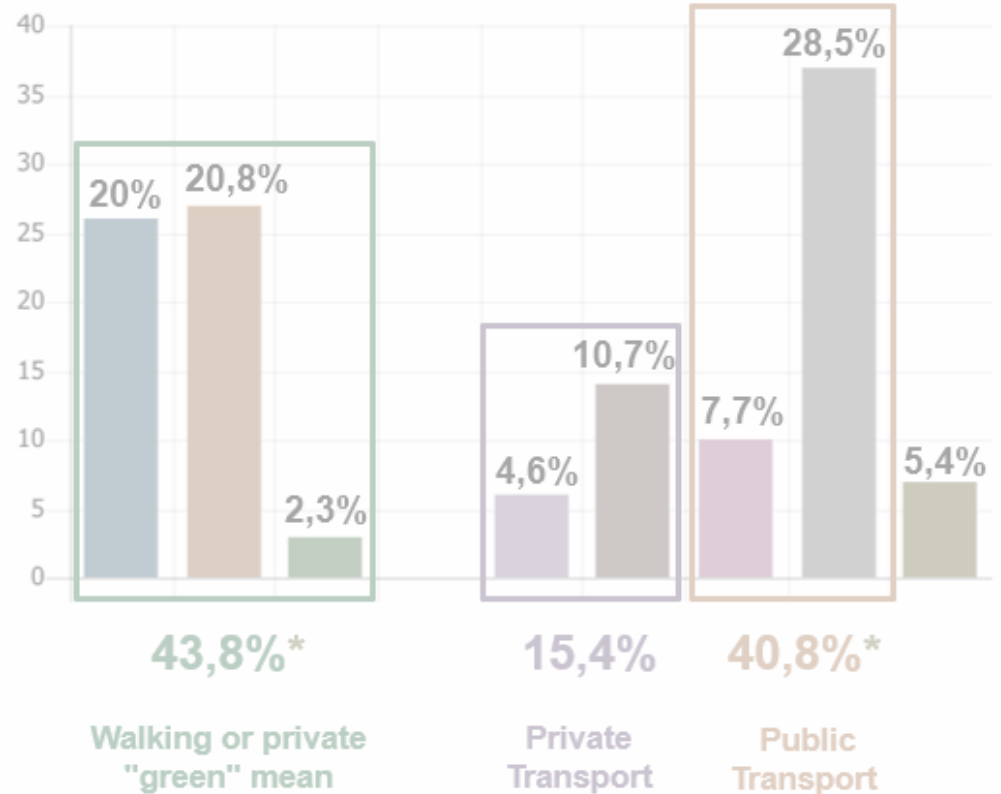
To analyze better the IBEC car sharing proposal, we have filtered by the people who answered that they come to IBEC by car
(**question 2**)

Means Of Transport (Questions 2 and 3)



How are you coming to work (most commonly)? Total answers 130

Walking	26
Biking	27
Using electric bike or scooter	3
Rollerskating/ Skating	0
By motorbike	6
By car	14
By train	10
By subway or bus	37
Other	7



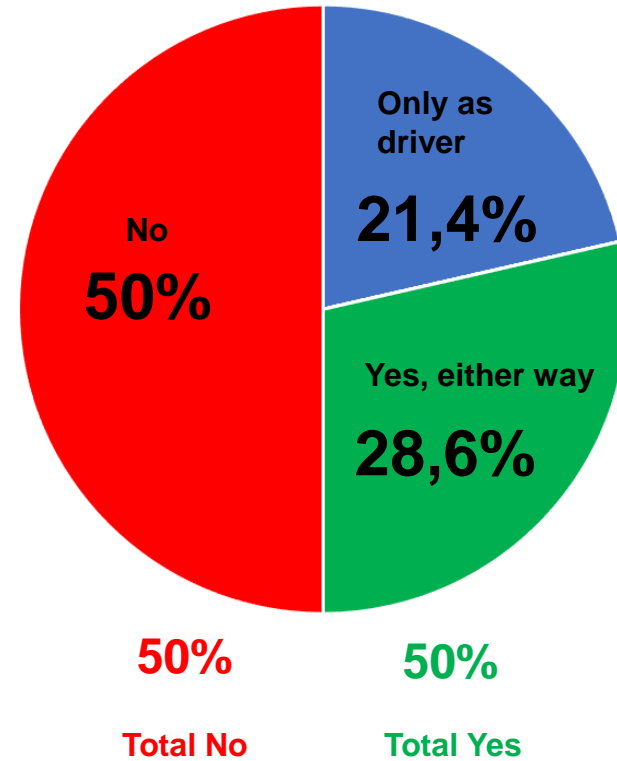
* Considering Other = 1 hybrid car / tram or commuting more than one public transport in combination with walking



Sustainable proposals (Questions 11 and 12)

Would you be willing to share your car with other workers living in your area in a service organized by IBEC? Total answers 14: From only workers who come by car

- Yes, only driving my car 3
- Yes, only as passenger 0
- Yes, either way 4
- No 7



Sustainable proposals (Questions 11 and 12)

Which action could IBEC perform in order to promote more sustainable ways of commuting? ? Total answers 48

RECURRING PROPOSALS

Sustainable proposals (Questions 11 and 12)



Which action could IBEC perform in order to promote more sustainable ways of commuting? ? Total answers 48

<ul style="list-style-type: none">• Car sharing by employees	Share private transport
<ul style="list-style-type: none">• Compensation for coming by transport public• Special deal for coming by transport public• Promote public transport• Bus• Inform about public transport options• Food tickets for people that use public transport	Promote public transport
<ul style="list-style-type: none">• Fer pressió externa per augmentar la freqüència del transport públic• Improve public transport facilities	Improve public transport facilities
<ul style="list-style-type: none">• Give a gift voucher to employees who buy a bicycle• Special deals with bike, electrical bike and scooters sharing companies• Free bagels for IBEC bikers• Advise people on a safe route by bike to come to IBEC• IBEC bike sharing• Cycle to work scheme• Compensation for come by bicycle	Promote cycling
<ul style="list-style-type: none">• Free secure indoor parking for bikes, electrical bikes, electrical scooters and scooters• Showers and changing rooms facilities in all IBEC buildings• Fer pressió externa per augmentar les bicicletes i pàrkings de Bicing	Improve bike and scooters facilities
<ul style="list-style-type: none">• Organize a team competition: most km's walked/run/cycled during your daily commute in a month• Offer a small bonus to people coming by non-electrical bike or walking	Promote to walk/run and non-electrical transport
<ul style="list-style-type: none">• Flexible working hours• Promote teleworking	Flexible hours & teleworking
<ul style="list-style-type: none">• Salaris competitiu	Improve salaries
<ul style="list-style-type: none">• IBEC location outside of Barcelona	IBEC location

Sustainable proposals (Questions 11 and 12)

Which action could IBEC perform in order to promote more sustainable ways of commuting? ? Total answers 48

ALL THE PROPOSALS

Sustainable proposals (Questions 11 and 12)



Which action could IBEC perform in order to promote more sustainable ways of commuting? ? Total answers 48

- Adopt a platform for car sharing - Request for more BICING space - Have special deals with bike sharing companies.
- Perhaps people coming by car living in the same area could be put in contact in order to organize 'rota' and share the vehicle.
- Compensate somehow the commuting time we spent every day by taking the train (more specifically money :D)
- Discount in the acquisition of T-usual or budget to buy a bicycle (they are actions implemented in my former institution)
- Parking space for the bike with a roof
- Give discounts on public transportation tickets
- Indoor bike parking and showers (walk/bike/running)
- Provide total/partial funding for public transport tickets to promote using public transport
- Car sharing would be a great option. I used it in San Francisco and it worked nicely (<https://mycommute.ucsf.edu/#/>)
- Parking for e-bikes or scooters.
- Promote public transport on a monthly basis.
- Facilitate cheaper public transport tickets as part of the worker's benefits
- Provide a secure area to lock bicycles. Provide shower facilities. Organize a team competition - most km's walked/run/cycled during your commute in a month for example.
- Crec que la causa principal que hi hagi gent que vingui amb cotxe és la falta de disponibilitat de transport públic eficient, per tant l'acció principal seria fer pressió externament per a que augmenti l'oferta de transport públic. Per exemple, els problemes amb els que jo em trobo principalment són dos casos particulars: a) falta de bicicletes a les estacions del Bicing, sobretot a la tarda no hi ha gairebé mai bicicletes disponibles a les estacions properes i b) els horaris de l'autobus fins a Terrassa estan mal dissenyats per un horari laboral convencional, i a la tarda hi ha un forat d'hores molt gran sense cap autobús. Com a acció des de l'IBEC, no sé si es podria fer pressió per a augmentar aquesta disponibilitat de transport públic d'alguna manera, fent pressió juntament amb altres entitats de la zona com la resta del PCB, UB, UPC, etc.....Gràcies per la feina!
- Provide a platform for car sharing, more bike parking spots.
- Have enough showers and changing rooms, in all IBEC buildings, so that people can commute by bike.
- Covering part of public transport costs to IBEC workers.
- In my opinion it's a combination of employer policies, public sector policies and infrastructure investments could lead to better and more enjoyable commutes, which would encourage more people to use public transport
- Apart from promoting telework, you could have the institute outside of the big city in the extra radius of the big city. For the great majority of workers who come to IBEC from outside of BCN, it would be a great advance. We would avoid polluting the city so much, and we would not collapse the big city with the great daily traffic jam of vehicles. Leaving Barcelona for the Barcelonians. We would have to take the large corporations, banks, institutions and universities out of the city, so that only the Barcelonians would leave the city to work.
- Aplicar salaris competitiu i no el mínim del sector, i així afavorir viure (dignament) a la ciutat on es treballa. Els vostres treballadors reduirien desplaçaments, temps i petjada energètica.
- Promoting actions of using public transport, walking or biking, together with providing tips and resources related to them. It would also be interesting to look for partners to provide good conditions on acquiring or renting bikes, etc. (maybe as PRC rather than the IBEC alone)
- Offer flexible working hours and telework to be able to choose a sustainable transport

Sustainable proposals (Questions 11 and 12)



Which action could IBEC perform in order to promote more sustainable ways of commuting? ? Total answers 48

- Discounts on public transportation tickets
- Better and more secure places to park bicycles
- Taking into consideration, as other companies do, and give compensations (not necessarily in the paycheck, but with travel or food expenses or other kinds of compensations) to the IBEC staff that comes to work using the public transportation, cycling or walking.
- Parking area for electric scooters
- Flexible working hours
- Offer discounts for "Bicing Barcelona", put more parking slots for bikes, or similar
- Flexible timing to share cars, discounts on public transport, better parking for bikes
- Time flexibility in the working day (both at the beginning and at the end) in order to avoid rush hours in public transport. Many colleagues changed the use of public transport for private transport (car, scooter, electric scooter) to avoid the crowds on public transport at rush hour (especially after covid19).
- Give a small bonus to people coming by non-electrical bike or walking / get more space to store safely bikes (outside) or folded-bikes (inside) / organize or facilitate carsharing / subsidize public transport tickets?
- Create like an "IBEC blablacar", create a pilot test of having shared IBEC bikes for people who want to come to IBEC in bike, give away vouchers / discounts on the Barcelona bicing ticket and / or the public transport ticket
- Advise people on a safe route by bike to IBEC
- Have an agreement with Private commuting such as (Bicing Bcn, Cabify (electric bikes and skates..)
- Create a carpooling platform.
- Set up a Cycle to Work Scheme. A tax incentive scheme to encourage employees to cycle to work. Under the scheme an employer can pay for a new bicycle and the employee then repays the cost in regular instalments from their gross salary. Or offer a bicycle renting scheme for employees.
- To motivate the ibec community to make use of different sustainable habits, discounts could be made on train tickets (some that come from 3 zones), metro, coach, bus and bicycle (bicing). Another alternative would be to donate food tickets to the restaurant or add an amount of money to the payroll to come to the island and use public transport. Create different communication channels (whatsapp or other mobile applications) to share a car, motorcycle, bicycle or electric scooter.
- Better inform about public transport options to come to IBEC; Promote car sharing between employees; offer special offers or discounts for transportation; subsidize part of public transport with flexible remuneration options
- Promoting public transportation
- Indoor secure bike parking
- I know that other european companies (i.e. dutch companies) give a gift voucher to their employees if they buy a bicycle. This would be a great help to promote more sustainable ways of commuting.
- More bike parking
- Free bagels for IBEC bikers :-)
- Maybe a bus
- Achieve special offers for IBEC Community in bicing and other type of sostenibility transports
- Make a safe parking place for Bikes inside PCB
- Free secure parking for bikes and electric bikes.

Thank you all!



www.ibebarcelona.eu

sustainabilitycommittee@ibebarcelona.eu