Reviewing Member State emissions reduction targets (Effort Sharing Regulation) in line with the 2030 climate target plan

Fields marked with * are mandatory.

Introduction


The Commission has proposed to enshrine climate neutrality into EU law. In order to set the EU on a sustainable path to achieve climate neutrality by 2050, in September 2020 the Commission has proposed an EU-wide, economy-wide net greenhouse gas emissions (GHG) reduction target by 2030 compared to 1990 of at least 55% in its Communication on stepping up Europe’s 2030 climate ambition.

Building on the ‘Communication on stepping up the EU’s 2030 climate ambition’ and on the existing 2030 legislation, the Commission will review and propose to revise, where necessary, the key relevant legislation by June 2021. This will include a coherent set of changes to the existing 2030 climate, energy and transport framework, notably related to the EU Emissions Trading System (ETS) Directive, the Effort Sharing Regulation (ESR), the Land Use, Land Use Change and Forestry (LULUCF), Regulation, CO2 Emissions Performance Standards for Cars and Vans and the Renewable Energy Directive and the Energy Efficiency Directive. Other relevant initiatives include the revision of the Energy Taxation Directive.

This consultation focuses on the Effort Sharing Regulation whose scope covered 59 % of total greenhouse gas emissions in the EU-27 (excluding LULUCF) in 2019, that is, emissions from the sectors not covered by the EU ETS or LULUCF. Therefore, the Regulation includes CO2 emissions from road transport, heating of buildings, small-scale industry and other greenhouse gas emissions (CH4, N2O, F-gases), mainly from agriculture, energy and waste.

The Effort Sharing Regulation sets binding annual reduction targets for Member States, with an overall aim to reduce EU emissions in the sectors covered by 30% compared to 2005 by 2030. These national targets are set taking into account both national wealth and cost-effectiveness. The Effort Sharing Regulation allows for flexibilities such as transfers between Member States. It also includes some degree of flexibility to use credits generated under the LULUCF Regulation, and some flexibility with the EU ETS that can be used to meet the overall reduction targets.

This public consultation invites public administrations, citizens and organisations to contribute to
the preparation for future legislative action in the Effort Sharing Regulation. The results of the consultation (which will be summarised and published) will inform the Impact Assessment, accompanying the Commission proposal for revising the ESR.

There are additional parallel public consultations on the review of the LULUCF Regulation, the EU ETS Directive, and the CO\textsubscript{2} standards for cars and vans Regulation.

**Guidance on the questionnaire**

This public consultation consists of some introductory questions related to your profile, followed by a questionnaire. Please note that you are not obliged to respond to all questions in the questionnaire.

The Commission already held an open public consultation on increasing the 2030 climate ambition, which was open for 12 weeks from 31 March to 23 June 2020. Many high-level questions related to the increased climate ambition were asked in the context of that consultation. The present questionnaire therefore focuses on more specialised and detailed questions on the design of the ESR.

At the end of the questionnaire, you are invited to provide any additional comments and to upload additional information, position papers or policy briefs that express the position or views of yourself or your organisation.

The results of the questionnaire as well as the uploaded position papers and policy briefs will be published online. Please read the specific privacy statement attached to this consultation informing on how personal data and contributions will be dealt with.

In the interest of transparency, if you are replying on behalf of an organisation, please register with the register of interest representatives if you have not already done so. Registering commits you to complying with a Code of Conduct. If you do not wish to register, your contribution will be treated and published together with those received from individuals.

**About you**

- Language of my contribution
  - Bulgarian
  - Croatian
  - Czech
  - Danish
  - Dutch
  - English
  - Estonian
  - Finnish
  - French
  - German
Greek
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Portuguese
Romanian
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Spanish
Swedish

* I am giving my contribution as
  - Academic/research institution
  - Business association
  - Company/business organisation
  - Consumer organisation
  - EU citizen
  - Environmental organisation
  - Non-EU citizen
  - Non-governmental organisation (NGO)
  - Public authority
  - Trade union
  - Other

* First name
  
  Thomas

* Surname
  
  GARABETIAN

* Email (this won’t be published)
t.garabetian@egec.org

* Organisation name

255 character(s) maximum

EGEC Geothermal

* Organisation size

- Micro (1 to 9 employees)
- Small (10 to 49 employees)
- Medium (50 to 249 employees)
- Large (250 or more)

Transparency register number

255 character(s) maximum

Check if your organisation is on the transparency register. It’s a voluntary database for organisations seeking to influence EU decision-making.

* Country of origin

Please add your country of origin, or that of your organisation.

- Afghanistan
- Åland Islands
- Albania
- Algeria
- American Samoa
- Andorra
- Angola
- Anguilla
- Antarctica
- Djibouti
- Dominica
- Dominican Republic
- Ecuador
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- El Salvador
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- Saint Martin
- Saint Pierre and Miquelon
- Saint Vincent and the Grenadines
- Samoa
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- South Georgia and the South Sandwich Islands
- South Korea
- South Sudan
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- Svalbard and Jan Mayen
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Public consultation on the European Union's open data policy

**Countries**
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- Democratic Republic of the Congo
- Denmark
- Kenya
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- Puerto Rico
- Qatar
- Réunion
- Romania
- Russia
- Rwanda
- Saint Barthélemy
- Saint Helena Ascension and Tristan da Cunha
- Saint Kitts and Nevis
- Saint Lucia
- Vanuatu
- Vatican City
- Venezuela
- Vietnam
- Wallis and Futuna
- Western Sahara
- Yemen
- Zambia

*Publication privacy settings*

The Commission will publish the responses to this public consultation. You can choose whether you would like your details to be made public or to remain anonymous.

- **Anonymous**
  Only your contribution, country of origin and the respondent type profile that you selected will be published. All other personal details (name, organisation name and size, transparency register number) will not be published.

- **Public**
  Your personal details (name, organisation name and size, transparency register number, country of origin) will be published with your contribution.

I agree with the [personal data protection provisions](#).

**General questions**
1.- In your opinion, when it comes to revising the Effort Sharing Regulation in view of the Commission’s proposal for an increased 2030 climate ambition, should sectors regulated by this Regulation deliver additional reductions; i.e. should the EU-wide target for the effort sharing sectors be increased?

- Yes
- No
- Don’t have an answer

Please elaborate on your reply (if possible)

The ambition needs to be increased beyond the ETS sector in terms of carbon emission reduction to comply with the requirements of the 55% target. Moreover, increasing the ambition on decarbonisation is key to allow the industries and economic sectors delivering these carbon emission reduction (for instance the installation of renewable systems in buildings) to continue growing, creating jobs and local economic value.

2.- In your opinion, when it comes to revising the Effort Sharing Regulation in view of the Commission’s proposal for an increased 2030 climate ambition, should all Member States step-up their efforts and consequently pursue more ambitious targets?

- Yes
- No
- Don’t have an answer

Please elaborate on your reply (if possible)

All member states need to dramatically increase ambition in ESD sectors: all over Europe, carbon emissions did not decrease as much in the ESD sectors for lack of ambition and lack of implementing measures. Additional actions and ambitions are required in all Member States to engage the decarbonisation of sectors such as buildings or agriculture, where many technologies are available and affordable, for instance geothermal heating and cooling technologies, but the absence of policies block their deployment.

3.- In your opinion, when it comes to revising the Effort Sharing Regulation in view of the Commission’s proposal for an increased 2030 climate ambition and an extended Emission Trading System, what is your opinion on the treatment of these sectors under the Effort Sharing Regulation?

Please indicate to what extent you agree with the following statements (scale from -2 (strongly disagree) to 0 (indifferent/no view) and to +2 (strongly agree)).
The inclusion of some sectors in the ETS may be a beneficial measure, though not be enough to ensure delivery, notably when sectors are too decentralised and carbon pricing does not allow to trigger investment in decarbonisation solutions. This is true in the building sector where carbon costs is an important measure to accompany a decarbonisation of the building stock, but they are not enough when not complemented with relevant policies as household are exposed to higher carbon costs without being able to access investment capacities. Building owners may also have incentives to pass on carbon costs to renters. Complementary policies are therefore required.

4.- In your opinion, when it comes to revising the Effort Sharing Regulation, do you see merit in excluding agricultural non-CO₂ emissions from the scope of the Effort Sharing Regulation provided these emissions are regulated elsewhere, for instance by combining agriculture non-CO₂ emissions and LULUCF emissions under one regulatory instrument?

- Yes, from 2026 onwards
- Yes, after 2030
- No
- Don’t have an answer

Please elaborate on your reply (if possible)

1000 character(s) maximum

Expert questions

Scope
As indicated in the Impact Assessment accompanying the Communication for Stepping up Europe’s 2030 climate ambition, one of the key issues is whether the current scope of the EU Emissions Trading System and the Effort Sharing Regulation should be retained, or the scope of one or both regulatory instruments should be changed.
5.- Do you see a need to reduce the sectorial coverage of the Effort Sharing Regulation in parallel to an extension of the EU Emissions Trading System (ETS)?
- Yes
- No
- Don’t have an answer

6.- If yes, which sectors would you change, when and how?
- If a sector is covered by emissions trading, it should be immediately removed from the scope of the Effort Sharing Regulation.
- If a sector is covered by emissions trading, it should be removed from the scope of the Effort Sharing Regulation, once emissions trading for this sector has proven successful.

Specify
- All fossil fuel combustion
- Buildings and transport
- Buildings only
- Transport only

Please elaborate on your reply (if possible)
1000 character(s) maximum

Before reducing the coverage of a sector by the ESR following inclusion in the ETS, it is key to guarantee the effectiveness of carbon emission reduction in the sector, and monitor that the ETS coverage does not stop ongoing decarbonisation policies. In sectors such as buildings for instance, coverage by the ETS is not a guarantee of continued delivery of carbon emission reduction, as costs could end up being passed on to consumers (homeowners or renters) with no capacity to invest in decarbonisation solutions. Complementary policies are required.

7.- In your view, which considerations should be taken into account in deciding whether some emissions should feature in the scope of both the Effort Sharing Regulation and the EU Emissions Trading System (ETS)?

Please indicate to what extent you agree with the following statements (scale from -2 (strongly disagree) to 0 (indifferent/no view) and to +2 (strongly agree)). Not all statements have to be rated.

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<tr>
<td>Double coverage should only be considered, if the environmental integrity of the EU emissions reduction target is ensured.</td>
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<td>Double coverage should only be considered, if cost-effectiveness is not impaired.</td>
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Double coverage should only be considered, if no undue emission monitoring challenges arise.

Double coverage would need to maintain/strengthen incentives for national reduction policies in those sectors.

Double coverage may have implications for the design and use of existing flexibilities.

Others (please explain in the open text below)

Please elaborate on your reply (if possible)

The impact assessment for the Effort Sharing Regulation will examine as one option the phasing out of this policy instrument. This would be a consequence of the combination of the extension of the ETS to all fossil fuel combustion emissions and the grouping of agricultural emissions with LULUCF (these being both options that will be examined in the two relevant impact assessments), considerably reducing the scope of the Regulation.

8.- If this policy option were to be pursued what course of action should be chosen for phasing out the Effort Sharing Regulation?

- The Effort Sharing Regulation should be phased-out with immediate effect once the new frameworks regarding emissions trading and agricultural emissions enter into force.
- The Effort Sharing Regulation should be phased-out with immediate effect once the new frameworks as well as EU legislation for remaining methane emissions to reduce their climate footprint and a strengthened F-gases regulation enter into force.
- The Effort Sharing Regulation should be phased-out once regulating of the concerned emissions by other tools has proven successful.
- Don’t have an answer

Please elaborate on your reply (if possible)

Ambition

If the Effort Sharing Regulation is maintained, another key question is the overall ambition level of the Effort Sharing Regulation in the relevant scope and how this ambition level is shared out among Member States.
9.- In your view, in case the current scope of the Effort Sharing Regulation is kept do you consider it possible for EU-wide and national targets under the existing Effort Sharing Regulation to remain at current levels and if so under what circumstances?

- No, an increase in the EU-wide ESR target and reconsidering existing national targets is needed.
- The ETS target would need to cover all additional reductions needed and the Effort Sharing target should remain as it is under the current Regulation.
- A combination of increased ETS target and an increase in the LULUCF objectives would need to cover all additional reductions and the Effort Sharing target should remain as it is under the current Regulation.
- Don’t have an answer

Please explain why.

1000 character(s) maximum

The increase of the EU target to 55% GHG emission reduction will require a sharp acceleration of the decarbonisation of many ESD sectors that have proven quite slow to do so thus far. The building sector is a specific sector where technologies are to a large extent available, such as for instance geothermal heating and cooling, but policies for actually engaging the decarbonisation of the sector have mostly lagged behind across Europe. Targets will therefore need to be increased in the ESD at the European and national level. This is also crucial for energy uses in the agricultural sector, where many emissions savings can be realised.

10.- The ‘Communication on stepping up the EU’s 2030 climate ambition’ and the accompanying impact assessment presented in September 2020 looked at the contributions of the sectors potentially covered by the Effort Sharing Regulation to achieve an increased 2030 climate ambition. In your opinion, should the EU-wide Effort Sharing Regulation ambition level be increased in view of the increased 2030 target?

- Yes, proportionally to the contributions of the effort sharing sectors to the at least 55% reduction target in line with the scenarios depicted in the impact assessment of the 2030 target plan.
- Yes, but less than proportional to the cost effective reduction potential per sector. Sectors covered by emissions trading should provide a more than proportional contribution to emission reductions.
- Yes, but more than proportional to the cost effective reduction potential of the ESR sectors.
- No need to increase the ambition level in the Effort Sharing Regulation itself.
11.- Currently Member States’ targets under the Effort Sharing Regulation are mainly determined based on wealth, with some adjustments to reflect cost-effectiveness. Do you see a need for changing the distribution criteria?

- Yes (please explain your reasoning in the textbox)
- No
- Don’t have an answer

12.- In your view, if the EU-wide effort sharing target for 2030 was increased, what would be the most relevant criteria for distributing the additional efforts between Member States?

Please indicate to what extent you agree with the following statements (scale from -2 (strongly disagree) to 0 (indifferent/no view) and to +2 (strongly agree)). Not all statements have to be rated.

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<td>The distribution of additional efforts should also take into account Member States’ ambitions in their national energy and climate plans.</td>
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<td>The distribution of additional efforts should also take into account long-term convergence in effort sharing sectors in view of climate neutrality by 2050.</td>
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<td>Other criteria should be taken into account (please explain in the open text below).</td>
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Please elaborate on your reply (if possible)

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Interaction between the Effort Sharing Regulation and the Land Use, Land Use Change and Forestry (LULUCF) Regulation

EU climate policy covers emissions from agricultural activities under both the Effort Sharing Regulation and the LULUCF Regulation. There is some flexibility between these two Regulations: if a Member State generates LULUCF credits, it may use them to achieve its Effort Sharing target more easily. The possibility to use this flexibility is larger for Member States, with larger agricultural emissions, in recognition that for these Member States it may be more difficult to achieve their national climate targets. There is a parallel public consultation ongoing on the revision of the LULUCF regulation and stakeholders are invited to share their views under the LULUCF consultation as well.
13.- The EU will need to remove a substantial amount of GHG from the atmosphere to achieve its objective of climate neutrality by 2050. Reaching this level of carbon removals needs a strengthening of the EU natural sink beyond its current level (about 264 million tonnes CO\textsubscript{2} equivalent in 2018). A current incentive is the possibility for Member States to generate LULUCF credits, through stringent accounting rules, that can be used to achieve their Effort Sharing target. At the same time, there is an obligation to compensate any net LULUCF debits by increased reductions in sectors covered by the Effort Sharing Regulation. What is your view on how LULUCF should interact under the Effort Sharing Regulation?

Please indicate to what extent you agree with the following statements (scale from -2 (strongly disagree) to 0 (indifferent/no view) and to +2 (strongly agree)). Not all statements have to be rated.

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<td>The current regulatory framework includes a LULUCF flexibility for compliance of an EU-wide maximum of approximately 26.2 million tonnes per year over 10 years based on LULUCF credits at Member State level. Alternatively, Member States must also compensate any LULUCF debits with additional reductions in sectors covered by the Effort Sharing Regulation. This level of flexibility is appropriate and should be kept as such.</td>
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<td>If targets under the Effort Sharing are increased, also the maximum allowed amount of credits under the LULUCF flexibility at Member State level should be increased to strengthen incentives for carbon removals.</td>
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14.- How should the ESR contribute to the design of the architecture of EU climate policy when it comes to agriculture?

- Continue to include agricultural non-CO\textsubscript{2} emissions under the Effort Sharing Regulation; continue to allow for the use of LULUCF credits in the Effort Sharing Regulation up to the current limit and to compensate LULUCF debits with additional reductions in sectors covered by the Effort Sharing Regulation.
- Continue to include agricultural non-CO\textsubscript{2} emissions under the Effort Sharing Regulation and to compensate LULUCF debits with additional reductions in sectors covered by the Effort Sharing Regulation; increase the possibility to effectively use LULUCF credits in the Effort Sharing Regulation independent of a change to Effort Sharing Regulation target levels.
- Continue to include non-CO\textsubscript{2} agricultural emissions under the Effort Sharing Regulation and to compensate LULUCF debits with additional reductions in sectors covered by the Effort Sharing Regulation; increase the possibility to
use LULUCF credits in the Effort Sharing Regulation, in case Effort Sharing Regulation targets are increased.

- Exclude emissions from agriculture from the ESR and regulate them elsewhere.
- Other

**Flexibility mechanisms**

As indicated in the impact assessment accompanying Europe’s 2030 climate ambition step-up, the achievement of the national targets under the Effort Sharing Regulation will require continued strengthening of policies or the use of flexibility mechanisms in a number of Member States. There is a parallel public consultation ongoing on the revision of the EU ETS Directive and stakeholders are invited to share their views under the EU ETS consultation as well.

15.- If you consider that flexibility mechanisms should be enhanced to achieve the increased 2030 climate ambition, which flexibility instrument(s) would you select?

Multiple answers allowed

- Flexibility with the EU ETS.
- Flexibility with the land use sector.
- Flexibility over time (banking), depicted in article 5 of the Effort Sharing Regulation.
- Flexibility over time (borrowing), depicted in article 5 of the Effort Sharing Regulation.
- Flexibility between countries (transfer of annual emission allocations).
- Don’t have an answer.

Please elaborate on your reply (if possible)

1000 character(s) maximum

Flexibility is welcome to ensure emissions decrease as fast as they can and to avoid lock in effect linked with actions that are too incremental. Flexibility therefore needs to serve as a way to guarantee emission reduction in line of the 2050 decarbonisation objective, not as a free pass not to implement policies and decarbonisation actions. For instance, a small Member States that would greatly decrease its emissions following the shift of district heating and cooling systems in major cities to geothermal should be able to benefit from flexibility in its annual emission reduction requirements to undertake the necessary infrastructure investments which will take some time to come online and deliver carbon savings. Flexibility must be used to facilitate the infrastructure shift towards renewable energy sources and decarbonised non-energy processes in line with 2050 decarbonisation.

16.- As regards the flexibility to use a limited number of ETS allowances for compliance with the national target under the Effort Sharing Regulation, what would be the statement that best reflects your opinion?
Please indicate to what extent you agree with the following statements (scale from -2 (strongly disagree) to 0 (indifferent/no view) and to +2 (strongly agree)). Not all statements have to be rated.

<table>
<thead>
<tr>
<th></th>
<th>-2</th>
<th>-1</th>
<th>0</th>
<th>+1</th>
<th>+2</th>
</tr>
</thead>
<tbody>
<tr>
<td>The current limited ETS flexibility for some Member States remains appropriate even with increased targets.</td>
<td></td>
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<tr>
<td>With an extended ETS, the ETS flexibility should be abolished or reduced, in particular if the scope of the ESR is reduced.</td>
<td></td>
<td></td>
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<tr>
<td>In case of increased Effort Sharing Regulation targets, the ETS flexibility should be made accessible to all Member States.</td>
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<tr>
<td>The ETS flexibility should only be applicable for ETS allowances originating from the EU ETS, not for allowances from sectors in transitional ETS arrangements.</td>
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</tbody>
</table>

**Monitoring, reporting and compliance**

The Effort Sharing emissions are determined by the following calculation: Effort Sharing emissions = total GHG emissions - according to EU scope for UNFCCC- (excluding LULUCF and international aviation) minus domestic aviation CO₂ emissions minus stationary ETS emissions.

A strong monitoring and compliance system has been put in place to monitor Member States’ action and help them take corrective measures if they fail to meet their targets under the Effort Sharing legislation. Under the Governance Regulation, Member States have to report on their GHG annual emissions and projected progress towards meeting their 2030 target and annual emission limits in 2021-2030, as well as information on planned additional national policies and measures to meet their commitments. The Commission evaluates and reports annually on Member States’ progress towards achieving the targets and also performs a comprehensive review of Member States’ annual emissions reports and a compliance check every 5 years, aligning the ESR with the 5-year review cycle set out in the Paris Agreement.

On the other hand, the annual procedure of monitoring, reporting and verification (MRV), together with all the associated processes, is known as the ETS compliance cycle. Every year, operators must submit an emissions report. An accredited verifier must verify the data for a given year by 31 March of the following year. Once verified, operators must surrender the equivalent number of allowances by 30 April of that year. In light of the phase 4 (2021-2030) revision of the EU ETS, the regulation on monitoring and reporting and the regulation on verification and accreditation are currently under review.

17.- In your view, in case of some emissions being included in both the Effort Sharing Regulation and the Emission Trading System scope, what implications would that have for monitoring and compliance, and how could they best be addressed?

1000 character(s) maximum

In case emissions are being included in both the ESR and the ETS, they need to be thoroughly monitored to prevent the double counting of carbon emission savings. The reporting requirements of the ETS make it a relevant platform for accounting emissions, and may lead it to be considered a benchmark in accounting emissions and emission savings, notably in the case of double coverage. It should be considered that the
coverage under the ESR is especially relevant as many sectors are not well suited to be directly included in the ETS as the benefits of emissions trading can for instance not be easily redirected as productive investments (considering the wide array of stakeholders involved, the need for solutions that are beyond the realm of a carbon market such as planning for heating and cooling infrastructure by local authorities to replace a fossil gas network).

18.- In your view, are there sufficient incentives for Member States to comply with increased Effort Sharing Regulation targets in order to ensure that the increased 2030 climate ambition is realised?

- Yes
- No
- Don’t have an answer

If not, explain further in the box what you identify as problematic and what could be done:

1000 character(s) maximum

Implementation of the ESR has been somewhat variable across Member States, and far below the potential for actions. For instance in most European countries, transport sector emissions actually increased since the implementation of the ESR, similar trends are observable for segment of the building sector in some European countries. Stronger incentives and requirement to increase ESR targets and implementation are required.

Final remarks

19.- Finally, are any additional important elements to be further reflected in view of the contemplated changes to the Effort Sharing Regulation and the overall climate policy architecture to deliver the increased 2030 climate ambition?

- Yes
- No

If yes, please provide your additional remarks.

1000 character(s) maximum

Delivering the EU's increased 2030 climate ambition means aligning the EU's climate policy with the requirements of a decarbonised European economy by 2050. The EU's climate policy cannot look at the achievement of 55% emission reduction as an end point, on the contrary it is the actual starting line of the decarbonisation drive. In 2030, the heating and cooling equipment market for instance needs to be 100% renewable: all new H&C boilers, infrastructure must be renewable compliant and renewable based in every home, business and industry. This is a challenge considering only 20% of the current heating and cooling sector is based on renewables. But is is necessary to achieve the decarbonisation of the building stock by 2050 as every H&C equipment installed in 2030 will be operating in 2050. Every fossil fuel equipement sold in 2030 therefore locks in fossil fuel consumption in 2050. The lock out of fossil fuel consumption therefore starts in this 2030 framework.
Should you wish to provide additional information (for example a position paper) or raise specific points not covered by the questionnaire, you can upload your additional document here.

Please note that the uploaded document will be published alongside your response to the questionnaire which is the essential input to this public consultation. The document is an optional complement and serves as additional background reading to better understand your position.

Please upload your file
The maximum file size is 1 MB
Only files of the type pdf,txt,doc,docx,odt,rtf are allowed

Contact
CLIMA-ESR-REVIEW@ec.europa.eu