

A request for Information: Tire Solutions with a Reduced Environmental Impact

The Governmental Vehicle Administration, in cooperation with The Greening Government Initiative (GGI) Greening Fleets Working Group, announces a request for information (RFI) seeking feedback from industry, academia, research laboratories, government agencies, and other stakeholders on issues related to Tires with Reduced Environmental Impact:

The Greening Government Initiative Greening Fleets Working Group

International Call for Information: Tire Solutions with a Reduced Environmental Impact



SUMMARY:

The Greening Government Initiative (GGI) Greening Fleets Working Group is issuing this Call for Information to solicit public input and information on tire solutions with a reduced environmental impact. Responses to this Call should be received by January 15th, 2023.

BACKGROUND:

This call is being issued on behalf of the Greening Fleets Working Group of the Greening Government Initiative (GGI) (www.sustainability.gov/ggi). The GGI is a global community of practice that consists of officials from over 40 countries across 5 continents that are working to green national government operations. GGI participants exchange knowledge, promote innovation and share best practices to build climate resilience in the public sector.

In many countries, the government is the largest vehicle fleet owner, electricity consumer, real estate holder, and purchaser of goods and services. Efforts to decarbonize government operations therefore not only have direct emissions impacts, but also send demand signals to suppliers that can spur economy-wide actions, drive zero-carbon technologies and markets, and lower decarbonization costs. GGI participants acknowledge the critical role of national governments in accelerating the transition towards a sustainable and climate-neutral future by greening their own operations and demonstrating leadership by example.

Reducing emissions from government fleets is a priority for the GGI. Many GGI countries are pursuing policies and actions to transition government fleets to a zero-emissions fleet. These GGI countries are seeking information from the private, not-for-profit, academic and research sectors about technologies and innovations that can inform such policies, actions, and future procurements.

The GGI Greening Fleets Working Group, chaired by the Government of The State of Israel and composed of the member governments of Canada, The Kingdom of Morocco, Norway, and The United States of America is hereby publishing this Call for Information (Call) relating to reducing the environmental footprint of governmental fleets, and focusing on the following topic:

- **Tires with a Reduced Environmental Impact**

Parties interested in submitting a reply on this topic may do so to the working group secretariat via Mr. Avi Blau, Sustainability Consultant to the Israeli Governmental Vehicle Administration at the following email address avibl@mof.gov.il.

Parties are advised that information submitted in response to this Call will be shared with all member governments of the GGI Greening Fleets Working Group and other GGI countries upon request. Submissions may or may not inform the GGI Greening Fleets Working Group's and constituent member nations' climate mitigation research and sustainability planning efforts, and may or may not inform member nations' future procurement and resource development strategies.

KEY AREA FOR INPUT: Tires with a Reduced Environmental Impact

Through this Call, the GGI Greening Fleets Working Group seeks input and information on tires with a reduced environmental impact from a broad array of stakeholders in the private, not-for-profit, academic and research sectors.

Tires create a huge environmental problem. Besides the process of production and use of non-consumable resources, they affect the vehicle's fuel consumption, contribute to microparticle pollution, and pose a huge challenge to recycling.

The GGI Greening Fleets Working Group is interested in receiving information about existing and future solutions with reduced environmental impact (direct or indirect) at all stages of the tire lifecycle; tire solutions that indirectly lead to environmental benefits; and on new technologies in the tire world such as non-pneumatic tires.

For example, the solutions can relate to: the tire production process; the raw materials from which tires are made; tire durability; tire recycling capacity; the pollution tires create during use; and indirect effects such as fuel consumption in the vehicle, noise generation while driving, etc. We are also interested in solutions that constitute an innovative business model such as pay per km, monthly lease, warranty for a very large number of years, etc.

HOW TO RESPOND:

Responses to this Call should be submitted via an email entitled “Responding to a Call for Information about Environmental Tire Solutions” to the email address listed below, up to the date January 15th, 2023. The respondent must verify the receipt of a receipt confirmation via a return email.

- a. Responses to this Call should be submitted either in Word (Doc or Docx) or as a PDF file.
- b. The contact person regarding this inquiry is Avi Blau, via avibl@mof.gov.il.

TERMS AND CONDITIONS:

1. By providing information in response to this Call, the respondent agrees that the GGI Greening Fleets Working Group may, at its sole discretion:
 - a. Change the deadline for submitting a response to the Call.
 - b. Use the information received as a result of this Call for any need, and to inform other future GGI Greening Fleets Working Group activities on this topic.
 - c. Contact, as necessary, the person who responded to this Call for the completion of information and clarifications.
 - d. Publish by way of tender or otherwise, specifications or characterizations that may be based on information gathered through this Call.
2. Respondents, by submitting responses to this Call, consent to the GGI Greening Fleets Working Group sharing their responses with other GGI countries upon request. Respondents also consent to their submissions being reviewed by contractors and private consultants working to support the national government operations of GGI countries.

3. To avoid doubt, it is clarified that information provided in response to this Call is for informational purposes only and does not constitute a submission to a Request for Proposal or tender process. It is also clarified that responding to this Call does not constitute an advantage or condition for participation in a tender, if held in the future, and will not require the GGI Greening Fleets Working Group to include the respondent in a tender or otherwise engage with the respondent.

4. All expenses involved in preparing and submitting the submission to this Call are solely the responsibility of the respondents. It should be emphasized that respondents will not be entitled to any compensation, indemnification, reimbursement or payment from The GGI Greening Fleets Working Group for responding to this Call.

RESPONDENT'S REPRESENTATIONS

5. By providing information in response to this Call, the respondent further represents:

a. It will make no claims or requirements upon The GGI Greening Fleets Working Group or any other party in connection with the use of information provided in response to the Call.

b. The information submitted in response to this Call does not include any sensitive, confidential information or trade secret. Participating governments in the GGI Greening Fleets Working Group may wish to establish one-on-one meetings with relevant respondents, in accordance with their national practices, should governments feel that more information is needed in order to understand the value of the proposed solutions.

c. Information submitted in response to this Call or its future use does not infringe on the rights of a third party, including copyrights; and that the respondent alone will be liable for any demand or claim arising from use of information submitted in violation of such third-party rights.

Appendix A - Details of the Application

1. Respondent's name:	
2. Type of organization (company/association/partnership, etc.):	

3. ID number (Bn./other identification number):	
4. Respondent address (including country)	
5. The name of the respondent's representative and their role:	
6. Respondent contact:	Name:
	Work phone:
	Mobile phone:
	Email:
7. Name of the proposed solution:	
8. List of customers, if any:	
<p>9. The concept of the solution: Details of the technology / method / business model on which the concept of the solution is based</p> <p>If it is a solution that requires recycling infrastructure - how will the material cycle be closed in any of the countries that are members of the Greening Fleets Working Group.</p> <ul style="list-style-type: none"> • Description of the environmental benefits: Please describe the method of reducing environmental load (pollution, noise, greenhouse gases, etc.) • please describe the environmental benefits, including indirect benefits (such as from the vehicle and not from the tire). • Please describe any drawbacks to the proposed solution. 	

<p>10. Is the product more durable than the market standard? If so, will the warranty have that extension in coverage?</p>	
<p>11. The status of the solution – does it exist or is further R&D required? If R&D is required, have you begun development, and at what stage of R&D are you?</p>	
<p>12. What are the supporting infrastructures required to maintain the product? such as a garage system or service / logistics system/ other Are there any activities required on behalf of the user to maximize the benefit of the product? What type of maintenance is required during the lifecycle of the product? What are its associated costs?</p>	
<p>13. If the solution requires further R&D- what is the minimal procurement value required to justify your continued investment in the development of the proposed solution?</p>	
<p>14. The price range of each stage of the proposed solution, including direct costs and related costs that will be borne by the user.</p>	
<p>15. How will the benefits of contracting the proposed solution come to play – economic, environmental, operational benefits.</p>	

<p>We will ask respondents to pay attention to this section – it is important for the working group to understand whether the proposed solution is indeed a preferred environmental alternative, and to the extent that this is even possible to quantify the benefits of the proposed solution.</p>	
<p>16. Please describe the end of the lifecycle of the proposed solution:</p>	
<p>17. Is the product available for winter tires? How do winter tires perform in comparison to 4 season tires of the same product?</p>	
<p>18. Some provinces require a snowflake logo to certify winter tires, will your products have an logo or indicator to certify winter tires?</p>	
<p>19. Is the product 100% recyclable?</p>	
<p>20. What is the ratio of recycled material in your finished product?</p>	
<p>21. Will your products be produced using green energy?</p>	
<p>22. Are your products available in commercial and pursuit tire versions?</p>	
<p>23. any other comment or input</p>	



كنوع ، لقد استكشفنا دائماً .
إنه مجرد جزء من حمضنا النووي ،
للسير فوق قمة الجبل التالية.
لتحمل هذا الخطر. لتعلم شيء جديد.

**As a species, we've always explored.
It's just a part of our DNA,
To walk over the next mountain top.
To take that risk. To learn something new**

כזן, תמיד היינו חוקרים.
זהו פשוט חלק מהדי אן איי שלנו.
להמשיך אל מעבר לפסגת ההר הבא.
לקחת את הסיכון הזה. ללמוד משהו חדש.

**Som art har vi alltid utforsket.
Det er bare en del av vårt DNA,
Å gå over neste fjelltopp.
Å ta den risikoen. Å lære noe nytt.**

**En tant qu'espèce, nous avons toujours exploré.
Cela fait simplement partie de notre ADN.
Continuez au-delà du sommet de la prochaine montagne.
Prendre ce risque. Apprendre quelque chose de nouveau.**

* Photo taken from www.Pexels.com – free to use.

** Quotation by Dr. Greg Stone