

label	Answers
General feedback	<p>. Inspección de plantas de producción de oxígeno una vez que el proveedor las deja en funcionamiento.</p> <p>. Oxygen purity maintenance</p> <p>. Oui, s'il y avait un sujet très délicat à traiter, ce serait un sujet axé sur les points suivants:</p> <p>-Acquisition des générateurs d'oxygène en milieu hospitalier (Donation/ Appel d'offres)</p> <p>-Mode et critère de sélection des Fournisseurs locaux / étrangers pour obtenir ces Marchés (Pas de gré à gré)</p> <p>-La formation sur site du constructeur des Techniciens manipulant les générateurs d'oxygène (Techniciens biomédicaux du Ministère de la Santé)</p> <p>-Éliminer toute sorte d'EXCLUSIVITE lors des opérations de maintenance (Toute entité pourra soumissionner aux Services de Maintenance preventive et corrective)</p> <p>. Je suis comblé</p> <p>. Sometimes it is necessary to "prime the pump" to get audience engagement. I taught at the university level for a few years and always needed to call out the students to get them talking.</p> <p>. After setting up medical oxygen systems in a country, what are best practices in developing regulatory guidelines for medical oxygen. Should they be part of Guidelines for medical devices and IVDs or Guidelines for Pharmaceutical products? Or perhaps develop separate Guidelines that focus specifically on medical oxygen systems?</p> <p>Thank you</p> <p>. RAS</p> <p>. Thank you for organizing such an insightful session. While the workshop provided valuable information, I feel the following topics could have been explored in more depth: Sustainable Funding Models: More detailed discussions on long-term funding strategies for oxygen ecosystem scale-up, especially for low-resource settings. Logistics Optimization: In-depth insights on optimizing distribution networks to address supply chain gaps, particularly in rural or underserved regions. Technology Integration: A closer look at leveraging IoT and AI solutions for real-time monitoring, predictive maintenance, and supply-demand matching within oxygen systems. Regulatory Harmonization: Practical steps for aligning with international medical oxygen production and distribution standards while navigating local regulations. These additions would enhance the ability of participants to implement comprehensive, scalable, and sustainable medical oxygen solutions.</p> <p>Thank you again for the opportunity to engage in such a crucial conversation.</p> <p>. Tools to identify oxygen scale-up needs</p>
Based on this workshop, what steps do you plan to take next in developing a national medical oxygen scale-up plan?	<p>. Poder vincularme con países o entidades que puedan evaluar estas necesidades en países con falta de escala o de gases medicos y ofrecerle mi soporte.</p> <p>. Sensitize my country on all the above</p> <p>. Les besoins moyens mensuels pour les structures sanitaires chez nous sont faciles à obtenir</p> <ul style="list-style-type: none"> <li>• Quant aux Départements du Ministère de la Santé, il faut inclure Catégoriquement le Département Maintenance biomedical. Mais pas uniquement la DGFS qui collabore directement avec les bailleurs et la société qui obtient le marché</li> </ul> <p>Inclure les sociétés civiles comme Msis-Tatao pour le suivi évaluation</p> <p>Faire un Checking INOPINE par une société étrangère pour vérifier si les installations fonctionnent correctement/ si les Travaux de maintenance preventive systématique s ont été suivis à la lettre</p> <p>Gérer efficacement la production dans le cas de remplissage régulier de bouteilles d'oxygène</p> <p>Faire en sorte qu'au MOINS deux sociétés obtiennent le Marché de Fourniture et d'installation et de maintenance et de formation utilisateur des générateurs d'oxygène</p> <p>. Nous avons déjà un plan de renforcement de la disponibilité et de l'utilisation de</p>

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	<p>l'oxygène médicale. Nous sommes entrain organiser un atelier de diffusion et de plaidoyer pour mobiliser les fonds qui vont permettre la mise en oeuvre du plan</p> <p>. Engage with all the stakeholders so they will understand the benefits of deploying the O2 Cube. It is difficult when the innovation is a new-to-the-world product category. The O2 Cube is not a Stationary Oxygen Concentrator and not a PSA Plant but something in between.</p> <p>. Having implemented a successful medical oxygen scale up program in our country, my efforts now are in developing regulatory documents and building a strategy for sustainability while conducting regular monitoring of existing systems and suggesting new solutions to improve and upscale where needed. Integrating medical oxygen in new healthcare facility designs was also done, what remains is institutionalized it or incorporating this in new standard designs and guiding documents being developed.</p> <p>. Considero que debe plantearse como necesidad en las regiones y establecer una resolución para que se considere como importancia en los países. Desafortunadamente no se considera prioritario pero los primeros pasos debe ser conocer la capacidad instalada, numero de proveedores y los costos de proveer este insumo en el sistema de salud</p> <p>. I am not responsible for developing oxygen scale-up plans.</p> <p>. Revoir l'analyse situationnelle pour approfondir la quantification par niveau de prise en charge</p> <p>. Identify and research major need areas for oxygen projects within the country and take action, start from somewhere</p> <p>. Following this workshop, the next steps in developing a national medical oxygen scale-up plan include:</p> <p>Conducting a Comprehensive Needs Assessment:</p> <p>Identify and quantify gaps in oxygen supply and demand across all regions. Map existing oxygen production and distribution infrastructure. Prioritizing Key Investments:</p> <p>Focus on decentralized oxygen production facilities to improve accessibility in underserved areas. Explore renewable energy solutions to ensure sustainability and cost-efficiency. Engaging Stakeholders:</p> <p>Collaborate with government agencies, healthcare facilities, private sector partners, and donors to align on objectives and funding. Developing a Phased Implementation Plan:</p> <p>Outline short-, medium-, and long-term goals, including infrastructure development, training programs, and regulatory compliance. Securing Financial Resources:</p> <p>Approach funding partners, such as international organizations and climate finance initiatives, to support the scale-up. Establishing Monitoring and Evaluation Frameworks:</p> <p>Implement systems to track oxygen production, distribution, and usage to ensure efficiency and accountability. These steps will ensure a structured, sustainable, and inclusive approach to scaling up the national oxygen ecosystem.</p> <p>. I am very passionate in empowering biomedical knowledge and career advancement. My focus is on developing curriculums for oxygen management trainings, that are regional based and internationally recognised to foster regional oxygen innovations and local manufacturing.</p>
<p>What changes or improvements would you suggest for future workshops in the series?</p>	<p>. Sumar compresores de aire y fuentes de aspiración central. Sumar ambito regulatorio o evaluacion de QA.</p> <p>. Weekly trainings</p> <p>. Il est souhaitable que les Techniciens opérant les générateurs d'oxygène en provenance des pays LMICS partagent le Pourquoi et Comment fonctionnent leurs installations, Est-ce qu'il y a du "Business" derrière la fourniture de ces générateurs d'oxygène ? Est ce qu'il y a MONOPOLIE dans ce domaine ? Pourquoi les générateurs d'oxygène tombent fréquemment en panne ?...</p> <p>. RAS</p> <p>. Perhaps now take a real life situation and show how a cross functional team used the tools and the model and applied it to their country (or perhaps just a state or province).</p> <p>. Na</p> <p>. Ninguno</p> <p>. Create a day or two for feedback from these countries. Have atleast one person per</p>

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	<p>country(a rep from the ministry of health) table their challenges in oxygen scale up and know how the scale-up programme is doing per country.</p> <p>. Il faut améliorer l'interprétation surtout le français on avait beaucoup de difficulté à entendre et comprendre</p> <p>. Continue on to give real life scenarios and situations to help throw more light on topics being discussed</p> <p>. I wanted to share some feedback regarding the workshop sessions. While the content was engaging and informative, the chat feature became a bit overwhelming during critical discussions, especially when important questions were raised and links were being shared.</p> <p>To ensure maximum focus and clarity during future sessions, it might be beneficial to disable the chat feature temporarily while the workshop is in progress. This way, participants can fully concentrate on the discussions without distractions.</p> <p>Thank you for considering this suggestion, and I look forward to more productive and focused sessions ahead.</p> <p>. To have more engagement with participants during the workshops</p>
What topic is a priority for you that should be covered in this series?	<p>. Dimensionamiento de fuentes de respaldo (banco de cilindros) a plantas PSA/VSA</p> <p>. Radiology</p> <p>. Le suivi régulier de fonctionnement, et les travaux de maintenance à effectuer sur les générateurs d'oxygène en milieu hospitalier</p> <p>. L'amélioration de l'accès à l'oxygène médical au Tchad</p> <p>. RAS</p> <p>. I have a mission as CEO of LeanMed to educate this community about our solar powered, micro-psa oxygen production system, the O2 Cube. After reading all the national scale up plans and talking with dozens of technical, business and clinical stakeholders it is clear to me that the O2 Cube is essential to economically and logistically delivering oxygen to secondary hospitals and their referring health centers.</p> <p>So my priority is to sell :-)</p> <p>. Medical oxygen Regulatory considerations and Sustainability best practices</p> <p>. Podría ser un análisis de la industria cuantas existen por país. Explicar o analizar casos por país de diferentes niveles de ingresos</p> <p>. Oxygen training to healthcare professionals is very important for the scale up of oxygen.</p> <p>. I would like to hear more about the challenges of keeping existing oxygen plants operational. The topics presented until now covered clinical needs and infrastructure challenges - both very important and critical parts of effective planning processes. But once the plants are up and running for the right reasons, in the right places, and with a reasonable support infrastructure, the next challenge is to keep them safely operational for as long as possible. This is grunt work that doesn't offer the same opportunities for recognition as opening new plants and therefore doesn't receive the same attention and support from political leaders. But without it, the investments will be short lived and with limited benefits. A situation that countries with scarce financial resources can hardly afford.</p> <p>. Oxygen technical guidelines, Biomedical engineers challenges in low income countries and how to sort those challenges</p> <p>. RAS</p> <p>. A priority topic for this series would be "Sustainable Integration of Renewable Energy into Medical Oxygen Production and Distribution." Given the rising energy costs and the need for environmentally friendly solutions, a focused session on practical strategies for implementing renewable energy sources like solar and wind power within oxygen ecosystems would be highly beneficial.</p> <p>This could include:</p> <ul style="list-style-type: none"> <li>• Feasibility studies for renewable energy use in oxygen plants.</li> <li>• Case studies on successful implementations in low-resource settings.</li> <li>• Financial models and ROI for renewable energy integration.</li> </ul> <p>Such a session would align with global climate action goals while addressing energy reliability and cost-efficiency in scaling medical oxygen supply.</p>

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	. Frame work of oxygen technical and management - How prepared is WHO to support BMET trainings and support