



Next Steps? Effectively Addressing Open Burning in the UNECE Region

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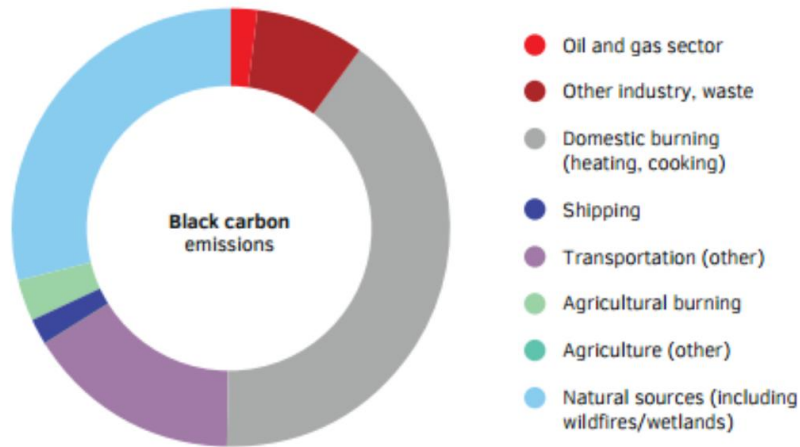
Workshop Issues

- **Definitional:**
 - Which fires count? (“four grains” to all-sector)
 - Which origins? (“four grains” to “all wildfire”)
 - Which land types? (croplands to all)
- **Modeling and Monitoring**
 - Global v. regional models; different treatment of deposition; transport to Arctic; seasonality of snow/ice cover; indirect effect
- **Mitigation methods, feasibility and impacts**
 - Crop yields, economic, health, climate benefits of different alternative methods

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Underestimation=Lack of Mitigation



Source: AMAP SPM SLCP 2015

GLACIER: Global Leadership in the Arctic
Cooperation, Innovation, Engagement & Resilience



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Observation-based Inventories

- **Include intentional use of fire for any purpose in agro-forestry sector**
- **Begin with “all fires” and determine origin (eg, precise use of fire, for what purpose) using new satellite tools**
- **Determine real (and changing) scope and origins of burning to identify most important (in terms of emissions scale) and where policies most effectively directed**
- **EG, Quantifying emissions reduction potential/maximum feasible reductions**
- **TFTEI or EMEP Guidance?**
- **Role for HTAP?**

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BAT/BAP Guidance

- Move ahead despite need to better quantify emissions inventories
- Methods, costs, benefits known and well-documented
- Begin with big-picture practices eg practices to replace burning use to address:
 - ✓ Crop stubble (all kinds)
 - ✓ Clearing of weeds/parasites in fields/orchards/forests
 - ✓ Clearing for cultivation (UNECE primarily reclamation)
 - ✓ Pastures
 - ✓ Clearing of understory in forestry

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BAT/BAP Guidance

- REFINE based on more local conditions and needs
- Include technologies (eg direct seeders, choppers etc)
- Private sector engagement?
- TFTEI or TFRN?? WGSR??
- Timing?

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Forum and International?

- Engage other AQ – and Agricultural -- experts
- TA from UNECE region?
- Also South-North Dialogue!

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