

Goal 7 Sustainable Energy ----- Joint statement for OWG12

Thank you co-chairs. My name is Grove Harris and I speak on behalf of the Women's, Children and Youth, Indigenous Peoples and NGO Major Groups, as well as the Mining Working Group, Beyond 2015 and other collaborators. We need to move much more ambitiously and rapidly in order to provide all people with access to renewable energy, increase energy efficiency much more substantially, and ensure that new energy production is renewable. Qualifiers such as "clean", "sustainable" or "modern" energy need to be defined. While biomass can be renewable, its potential negative social and environmental impacts impede its sustainability. Nuclear energy is neither modern, clean, affordable nor sustainable. Hydraulic fracturing is problematic in many regards including watershed devastation and green house gas emission; recent study has shown that methane emissions are up to 50% worse than initial EPA estimates.

Proposed goal 7. Ensure access to affordable, sustainable and reliable ~~modern~~ energy services for all

7.1 By 2030 ensure universal access to safe sustainable ~~modern~~ energy services for all with gender-equitable governance of and ownership over energy sources, services and technologies

7.2 At least triple ~~double~~ the share of socially and environmentally sound renewable energy in the global energy mix by 2020 and quadruple it by 2030

7.3 At least triple ~~double~~ the global rate of improvement in energy efficiency in all sectors by 2020 and quadruple the rate by 2030.

7.4 By 2030 increase by X% globally the share of socially and environmentally sound non-fossil ~~clean~~ energy technologies, especially for women, indigenous peoples, farmers and entrepreneurs, including sustainable biomass and efficient, affordable cooking and lighting solutions ~~advanced cookstoves~~.

7.5 by 2030 phase out ~~inefficient~~ fossil fuel subsidies, indirect subsidies for nuclear energy, that encourage and curtail wasteful consumption of energy, with solutions that aim to secure affordable energy for the poorest with parity criteria for gender equality

7.6 by 2030 expand, ~~and~~ upgrade and increase the resiliency of energy infrastructure as appropriate for supply, transmission and distribution of socially and environmentally sound modern and renewable energy services with priority for locally produced and controlled energy services for in rural and urban areas, aiming ~~including with a view to double ing~~ primary energy supply per capita for LDCs

We suggest additional targets:

**7.7 Internalize the full costs of the impacts of energy production, for example health and social and environmental impacts of fossil fuels, creating a level and sustainable playing field.**

**7.8 Increase energy intensity and reduce carbon intensity. [Energy intensity is the amount of energy per unit of production; carbon intensity is the amount of carbon per unit of energy]**

**7.9 By 2030 halt the installation and set up of non renewable energy sources.**