




**Frontier technologies have huge potential for improving people's lives and protecting the planet,** but social and economic problems such as poverty and inequality are complex, and technology is rarely a solution on its own.

 Frontier technologies, as any technology, can affect inequalities in the user's perspective through

- 1) Differential access to the benefits of these technologies and
- 2) Their potential unintended consequences.

 Many of the concerns raised on the use of frontier technologies are related to biased design and the unintended consequences of AI, and inequalities and ethical considerations of gene editing.

 Developing countries face three main challenges in promoting equal access to the benefits of frontier technologies:

 Higher income poverty

 Digital divide

 Shortage of skills

To overcome these challenges, Governments and the international community need to guide new and emerging technologies so that they support sustainable development and leave no one behind, foster supportive innovation ecosystems, and deploy technologies at scale.