

**Question for written answer E-002230/2021**  
**to the Commission**  
Rule 138  
**Annika Bruna** (ID)

Subject:     Developing vertical farming

Vertical farming is a production method that enables large quantities of foodstuffs to be cultivated, across multiple floors, in towers or on vertical walls.

Vertical farms have many benefits:

they take up less space, thus reducing urban sprawl and the associated depletion of agricultural land, while preserving biodiversity;

built in cities, they foster short food supply chains, thereby significantly reducing carbon emissions generated by transport and refrigeration;

they can recycle organic waste;

they minimise water usage, particularly through the process of evapotranspiration;

they improve a city's air quality by reducing carbon dioxide levels and producing oxygen;

they consume little to no energy for the purpose of heating, cooling or fuelling farming equipment;

they also use little to no plant protection products.

My questions to the Commission are as follows:

1. Does it know whether any of the Member States have trialled vertical farming and, if so, could it share their experience?
2. Does it plan to co-finance vertical farming initiatives?