

ANNEX III

The allocation key applied to 30 % of the amount referred to in Article 6(1)(a), α_i , is defined as follows:

$$\alpha_i = \frac{\phi_i + \rho_i}{2}$$

where

$$\phi_i = \frac{\sigma_{i,2019} * \delta GDP_{i,2020-2019}}{\sum_{i=1}^{27} \sigma_{i,2019} * \delta GDP_{i,2020-2019}} \text{ and } \rho_i = \frac{\sigma_{i,2019} * \delta GDP_{i,2021-2019}}{\sum_{i=1}^{27} \sigma_{i,2019} * \delta GDP_{i,2021-2019}}$$

where

$$\delta GDP_{i,2020-2019} = \min \left\{ \frac{GDP_{i,2020}}{GDP_{i,2019}} - 1; 0 \right\} \delta GDP_{i,2021-2019} = \min \left\{ \frac{GDP_{i,2021}}{GDP_{i,2019}} - 1; 0 \right\} \text{ and}$$

$$\sigma_{i,2019} = \frac{GDP_{EU,2019}^{PC}}{GDP_{i,2019}^{PC}} * \frac{pop_{i,2019}}{pop_{EU,2019}}$$

$$\text{with } \frac{GDP_{EU,2019}^{PC}}{GDP_{i,2019}^{PC}} \leq 1,5$$

Defining:

- $GDP_{i,t}$ as the real GDP of Member State i at time $t = 2019, 2020, 2021$;
- $GDP_{i,2019}^{PC}$ as the 2019 GDP per capita of Member State i ;
- $GDP_{EU,2019}^{PC}$ as the 2019 weighted average of GDP per capita of the EU-27 Member States;
- $pop_{i,2019}$ as the 2019 total population in Member State i ;
- $pop_{EU,2019}$ as the 2019 total population in the EU-27 Member States.

The fall in real GDP for 2020 ($\delta GDP_{i,2020-2019}$) and the cumulative fall in real GDP for the period 2020-2021 ($\delta GDP_{i,2020-2021}$) shall be based on the Commission Autumn 2020 forecasts and updated by 30 June 2022 for each Member State replacing the data from the Commission Autumn 2020 forecasts with the actual outturns as reported in the latest available update of the Eurostat code series 'tec00115 (Real GDP growth rate - volume)'.