Methodological Note

The February 2022 release contains revised estimates of brand, design, organizational capital and new financial products to incorporate methodological improvements in calculating the own-account component. In the December 2021 release, the blow-up factors used to generate investment value from labor cost component were set equal to 2 for all assets. In the current update, blow-up factors are 1.6 for organizational capital and 1.8 for brand, design and new financial products. In addition, measures of training has been revised to fix some outliers before 2010.

Growth accounting results have been revised to deal with possible negative user costs, the capital gains component in the user cost for the year t is now calculated as a moving average of the rate of growth of the investment deflator in the year t-1, t and t+1. Smoothing the capital gains component reduces the occurrence of negative user costs. Any remaining negative user costs are replaced with a value close to zero, and the capital compensation for the corresponding assets based on the new user cost is recalculated. Then capital compensation of all assets is rescaled to guarantee that the sum is equal to total capital compensation (CAP).