

Fixed rate longer term refinancing operations in 2020

Date (a)	Fixed Rate in %	Alloted amount (EUR billions)	Maturities
01.30.2020		0,55	04.30.2020
12.19.2019	0,00	2,28	03.26.2020
11.28.2019	0,00	1,42	02.27.2020
10.31.2019	0,00	0,59	01.30.2020

(a) Settlement date