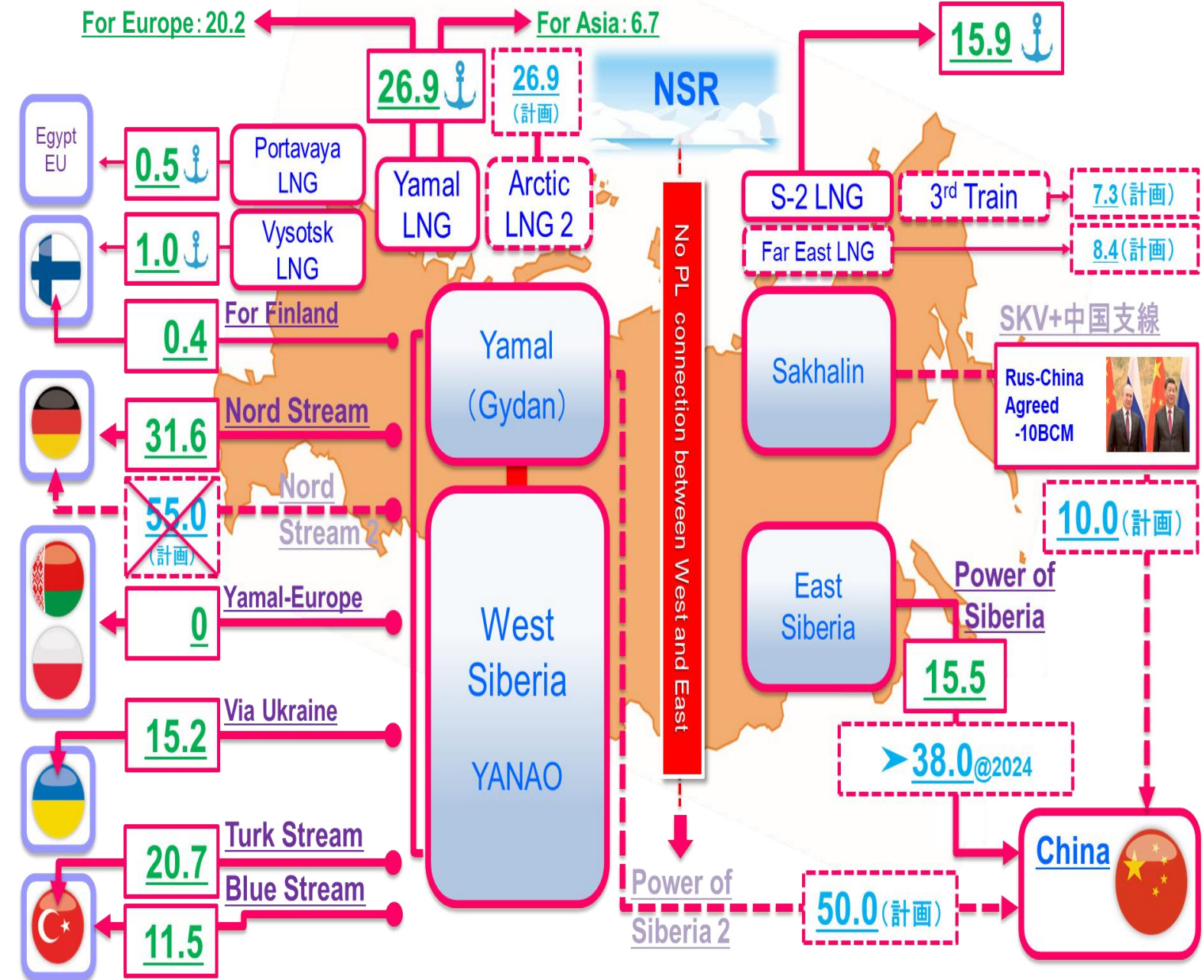


Changes of Natural Gas Flow from Russia



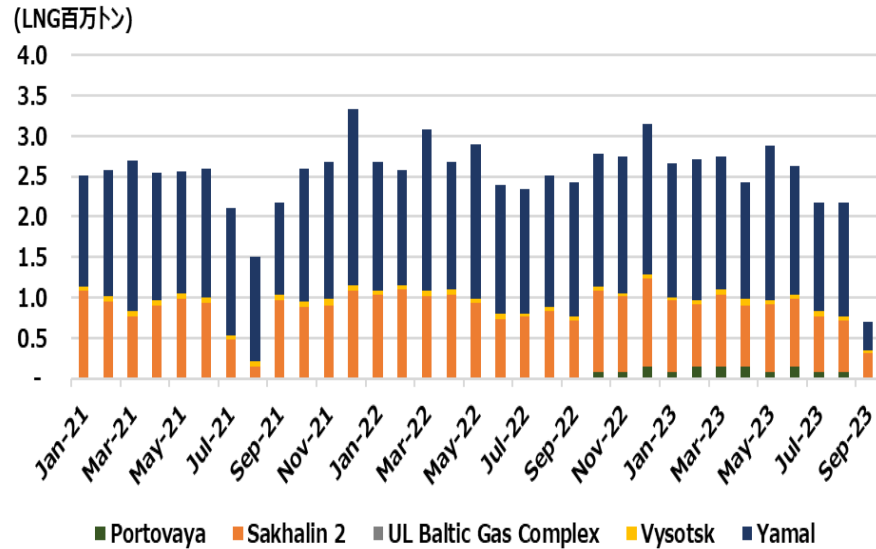
BCM	2021	2022	Change
Toward West			
Vysotsk LNG	1.1	1	▲9%
Portavaya LNG	0	0.5	+500,000t
Yamal LNG (for EU)	18.1	20.2	12%
PL for Finland	1.5	0.4	▲73%
Nord Stream	59.2	31.6	▲47%
Yamal-Europe PL	31.4	0	輸送停止
PL via Ukraine	25.9	15.2	▲41%
Turk Stream (for Turkey)	10.2	9.1	▲11%
Turk Stream (for EU)	4.6	11.6	152%
Blue Stream	16	11.5	▲28%
TOTAL	168	101.1	▲40%
Toward East			
S-2 LNG	14.4	15.9	10%
Yamal LNG (for Asia)	7.7	6.7	▲13%
Power of Siberia	10.4	15.5	49%
TOTAL	32.5	38.1	17%
PL	159.2	94.9	▲40%
LNG	41.3	44.3	7%
TOTAL	200.5	139.2	▲31%

Russian LNG Flow at present

★ Export Volume of Russian LNG

29.8MMt@2021

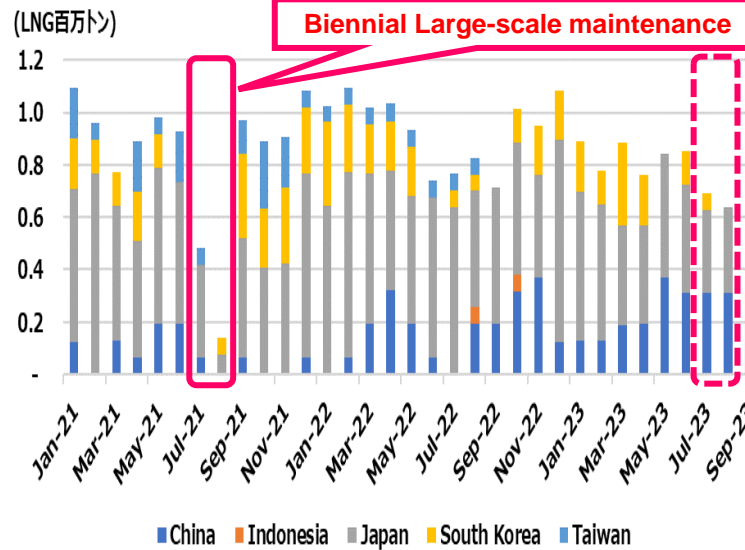
32.3MMt@2022



★ Sakhalin-2 LNG

10.1MMt@2021

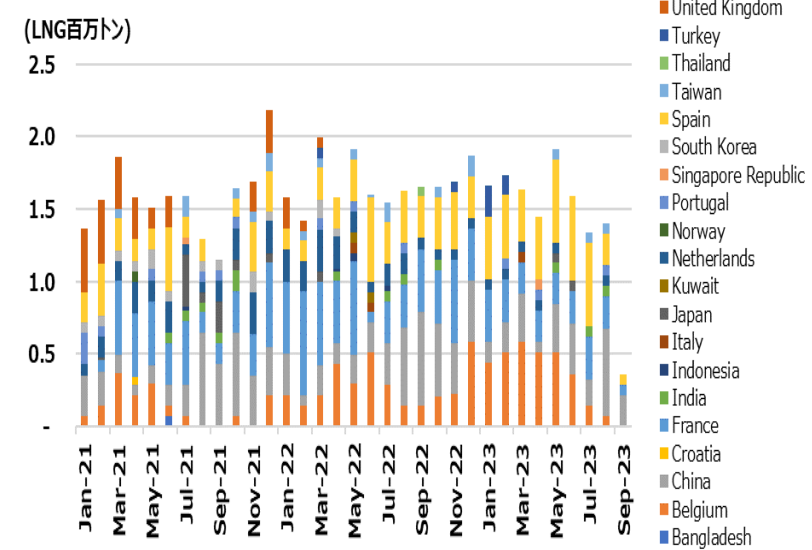
11.2MMt@2022



★ Yamal LNG

19.0MMt@2021

20.1MMt@2022



★ Russian LNG Share by Countries

Japan	21%	Indonesia	0.7%
China	18%	Portugal	0.7%
France	16%	Finland	0.6%
Belgium	11%	Greek	0.4%
Spain	11%	Kuwait	0.4%
Korea	6%	Italy	0.4%
Netherland	5%	Sweden	0.2%
Taiwan	3%	Thailand	0.2%
UK	1.1%	Lithuania	0.2%
Turkey	0.9%	Norway	0.04%
India	0.9%		

★ S-2 LNG buyers

Japan	60%
China	18%
Korea	16%
Taiwan	5%
Indonesia	1%

★ Yamal LNG buyers

France	26%	Portugal	1.1%
China	19%	Korea	0.9%
Spain	18%	Turkey	0.7%
Belgium	17%	Kuwait	0.7%
Netherland	9%	Italy	0.7%
Taiwan	3%	Indonesia	0.6%
UK	2%	Thailand	0.4%
India	1.4%	Japan	0.3%