

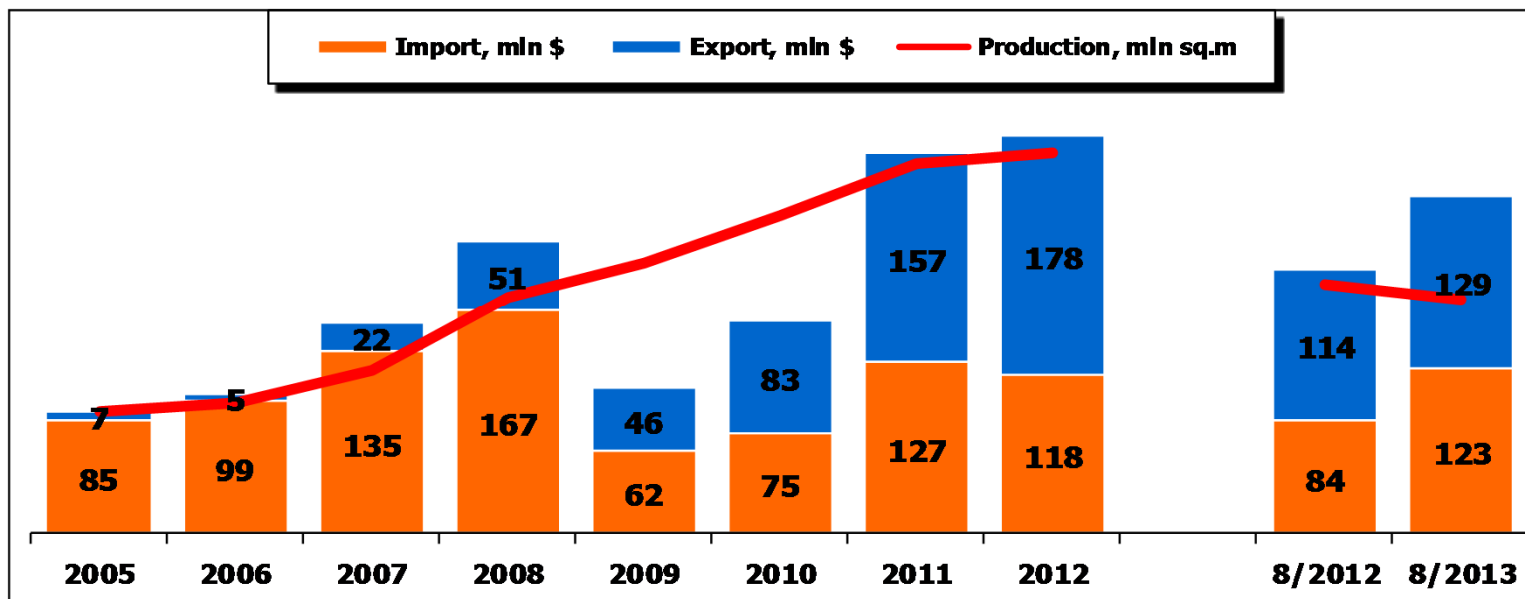


World Ceramic Tiles Forum – National Context

Ukraine

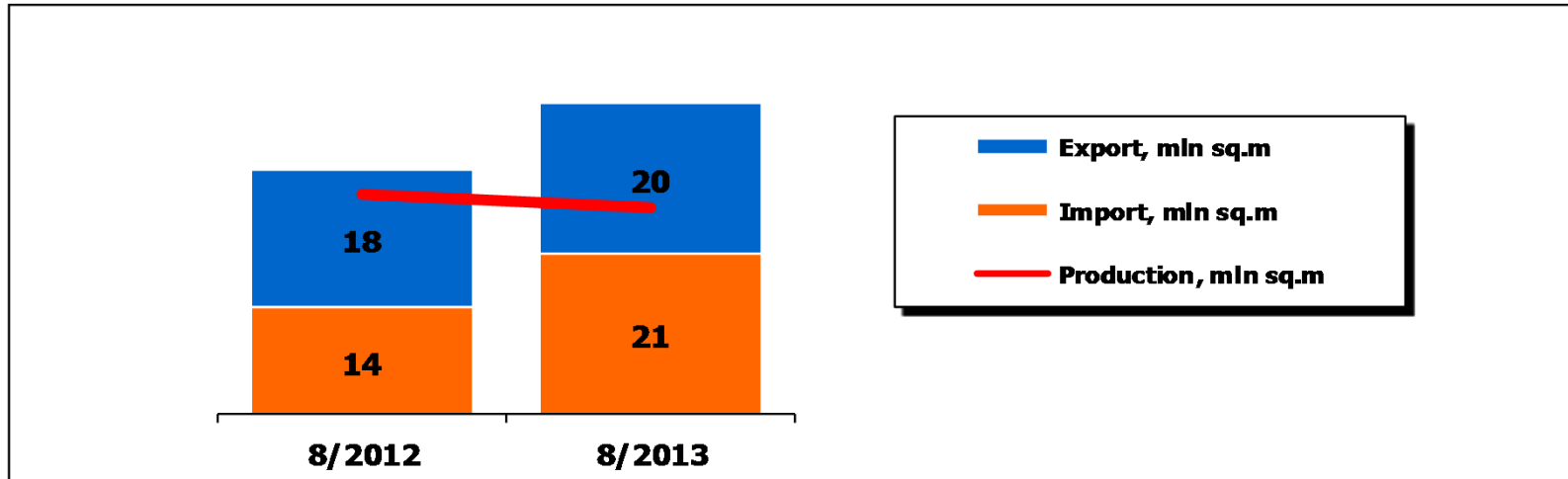


Ceramic tiles

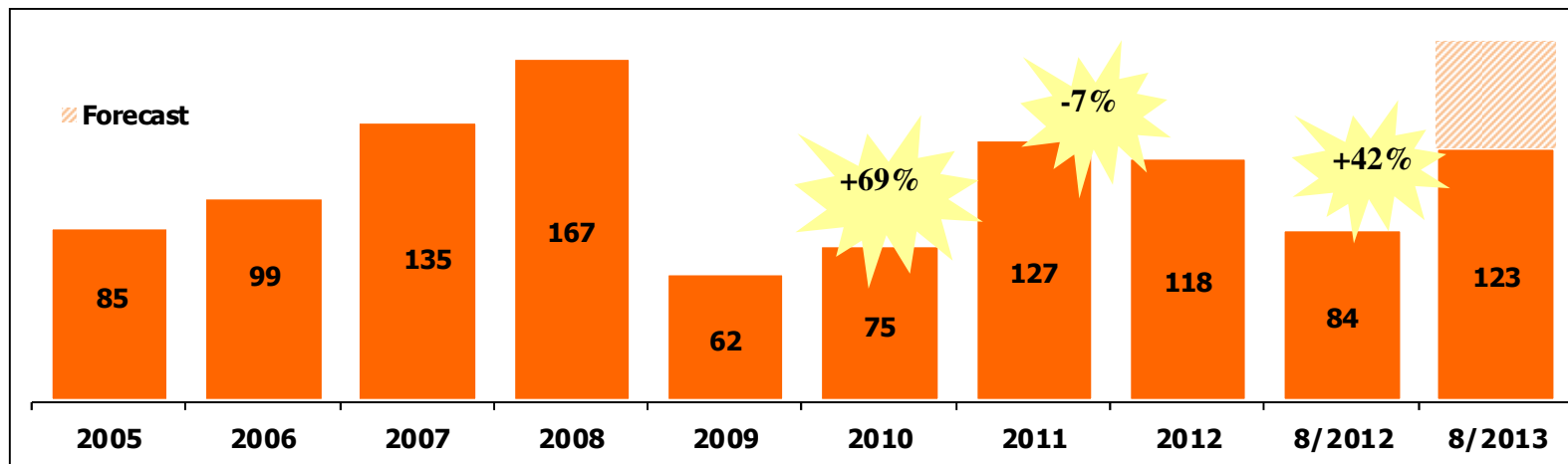


2013* (8 months)

Ceramic tiles

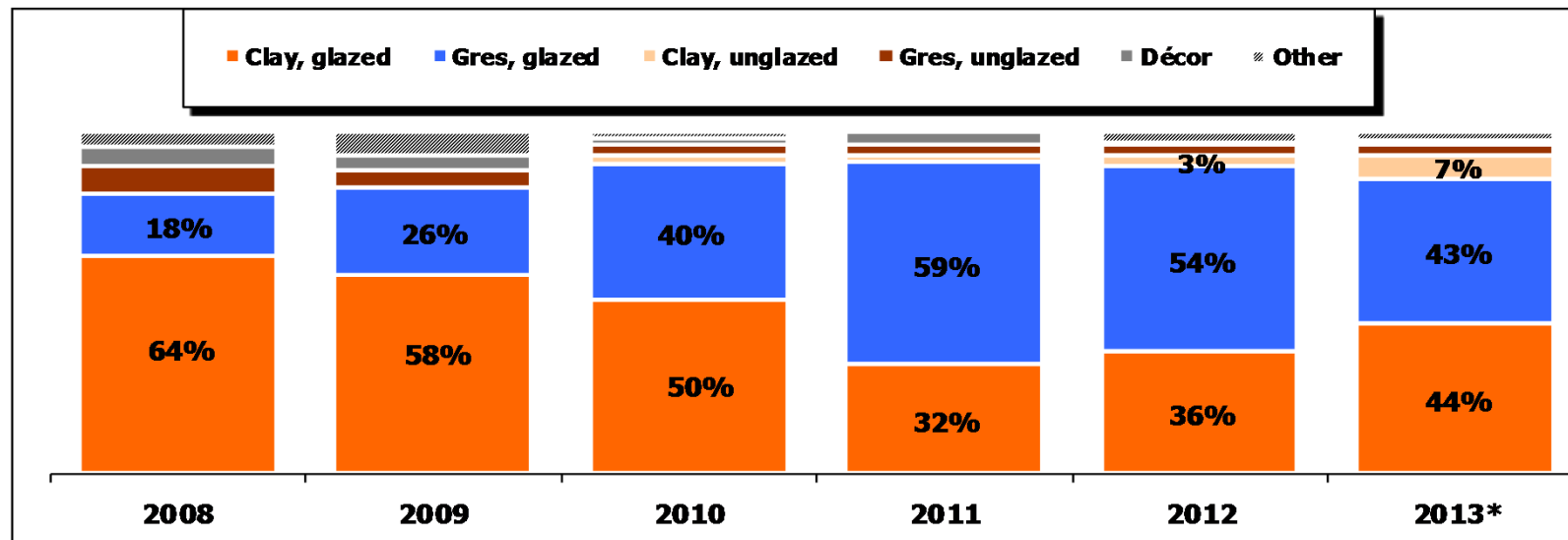


Ceramic tiles, import (dynamics)



2013* (8 months)

Tiles import structure

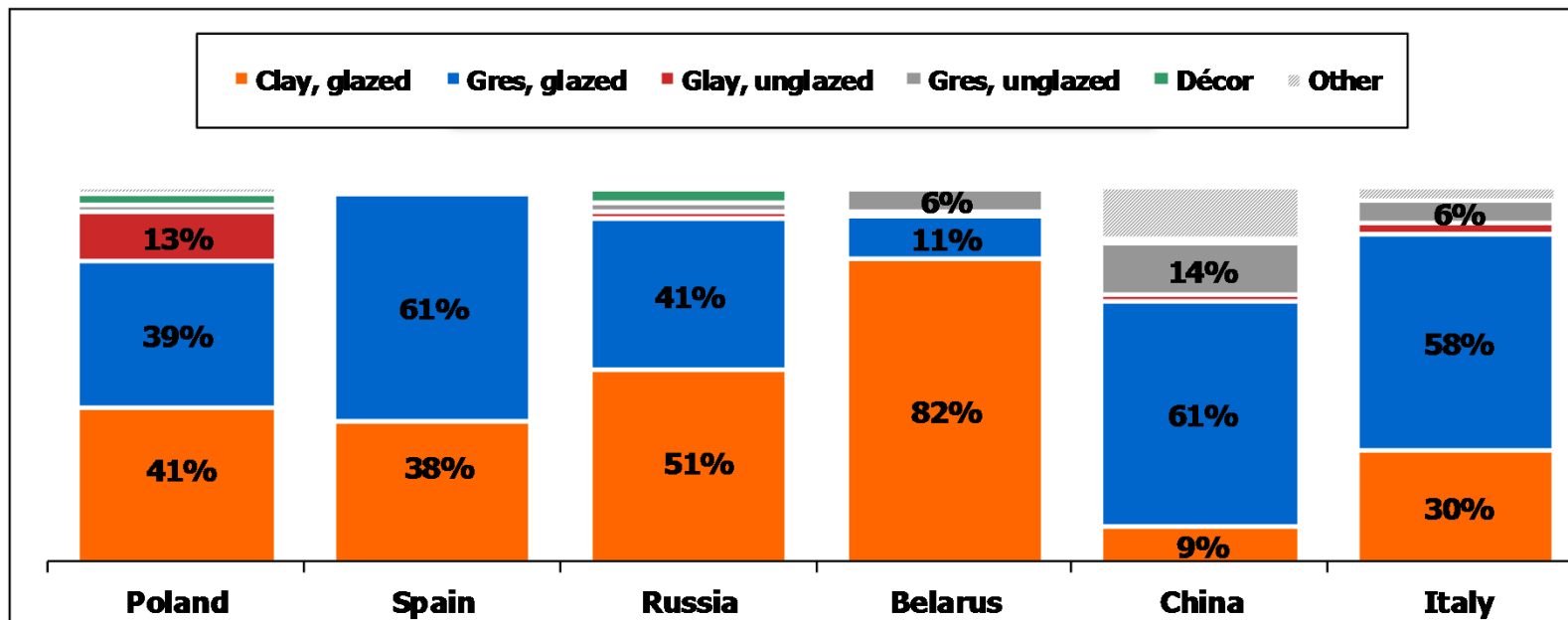


2013* (8 months)

Ceramic tiles import structure by countries

Countries-suppliers, %, mln					
2011		2012		8/2013	
Country	Share	Country	Share	Country	Share
China	25%	Poland	33%	Poland	42%
Poland	22%	Spain	20%	Spain	21%
Spain	18%	China	14%	Russia	7%
Russia	11%	Belarus	8%	Belarus	6%
Belarus	7%	Russia	8%	China	6%
Italy	6%	Italy	5%	Italy	4%
Turkey	4%	Turkey	4%	Czech Republic	4%
Germany	2%	Czech Republic	2%	Great Britain	2%
Czech Republic	1%	Germany	2%	Germany	2%
New Zealand	1%	Estonia	1%	Turkey	2%

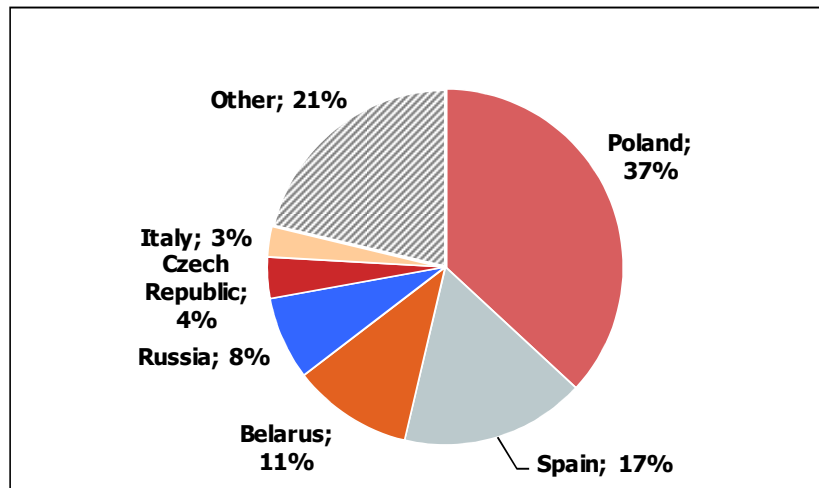
Tiles import structure by countries in 2013, % , mln \$



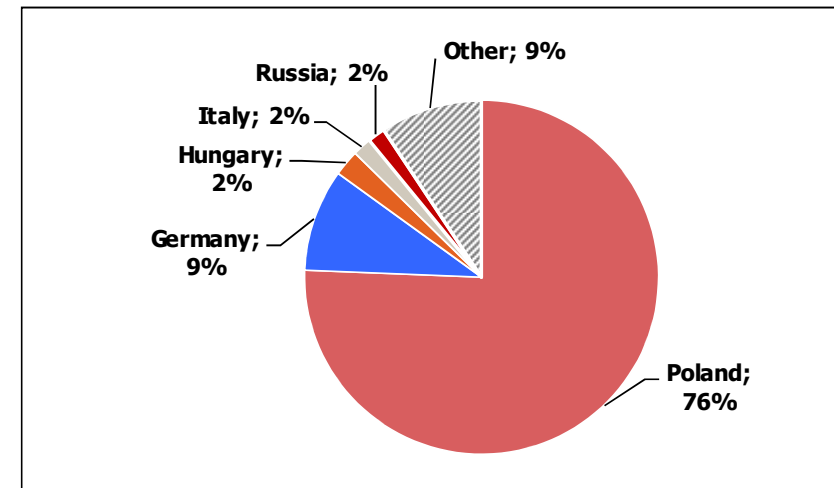
Clay ceramic tile



Clay glazed tile: import structure by country in 2013, %, mln \$



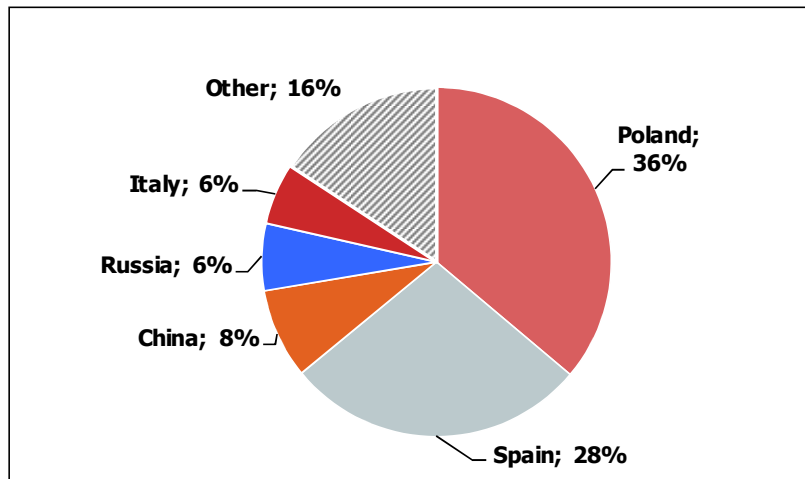
Clay unglazed tile: import structure by country in 2013, %, mln \$



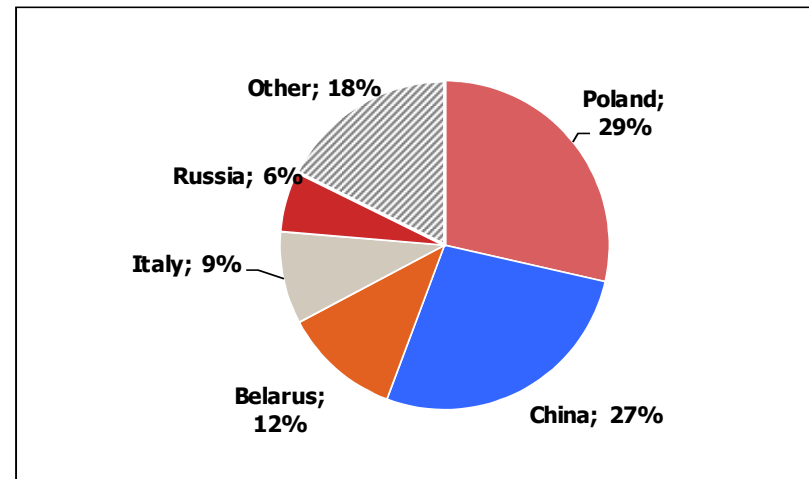
Stoneware ceramic tile



Gres glazed tile: import structure by country in 2013, %, mln \$



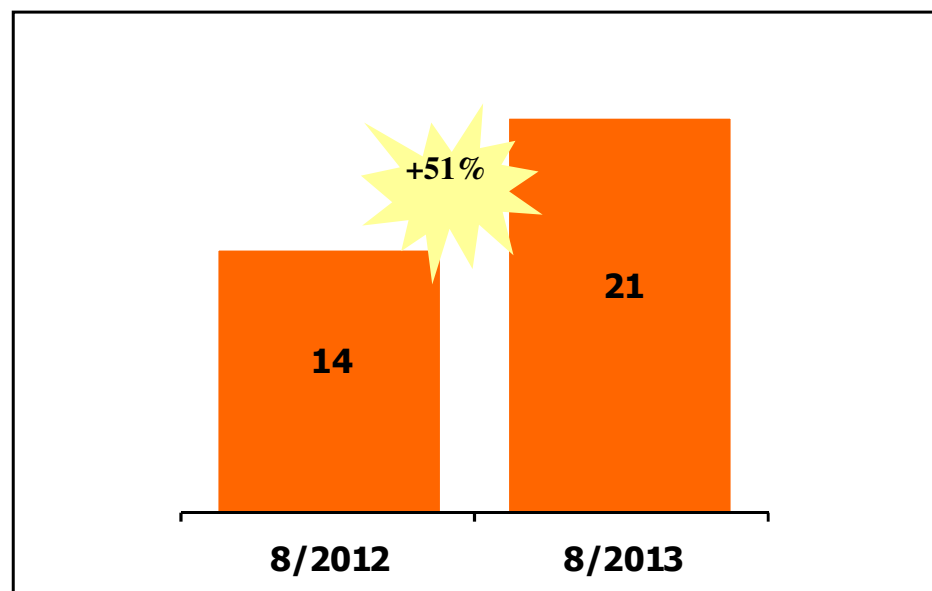
Gres unglazed tile: import structure by country in 2013, %, mln \$



Import of ceramic tile in volume terms



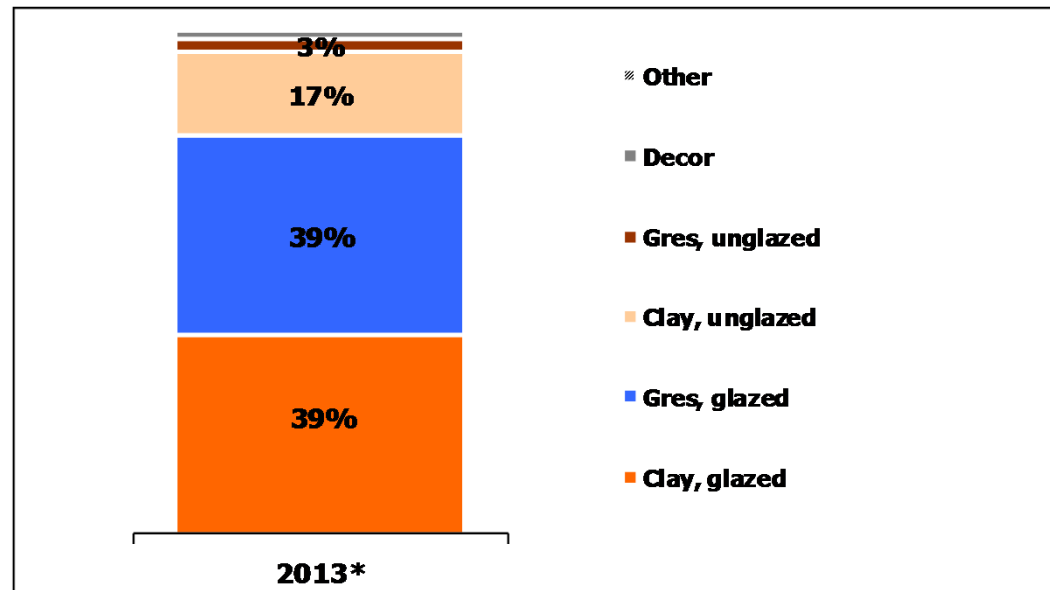
Ceramic tile import dynamics, mln sq.m.



Product types



Tile import structure, %, mln sq.m.



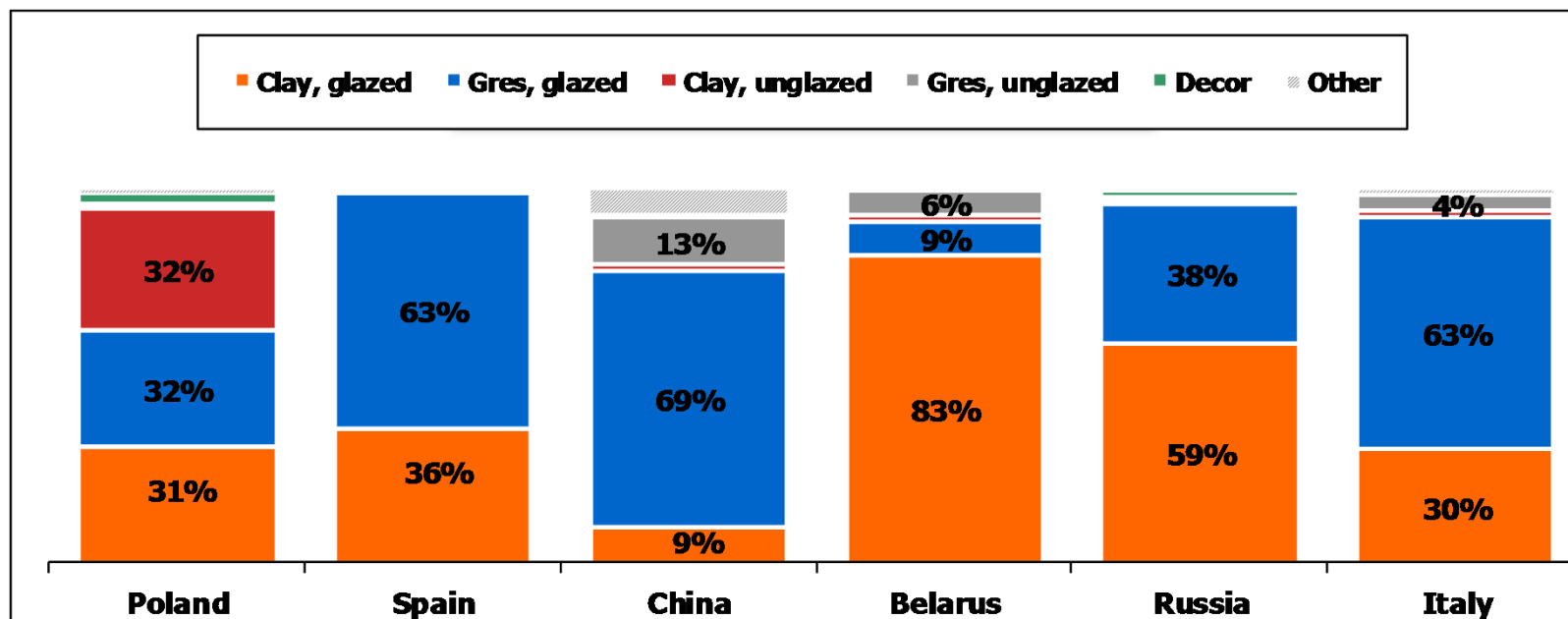
Tile import structure by regions



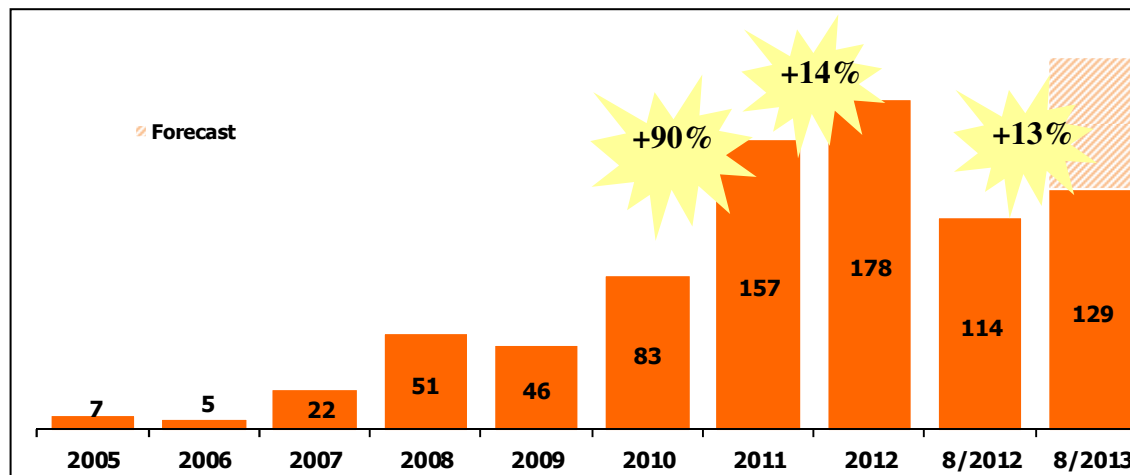
<i>Countries-suppliers, %, mln sq.m.</i>	
Country	Share
Poland	48%
Spain	16%
China	7%
Belarus	6%
Russia	6%
Czech Republic	3%
Italy	3%
Estonia	1%
Great Britain	1%
Turkey	1%

2013* (8 months)

Tiles import structure by countries in 2013, %, mln sq.m.

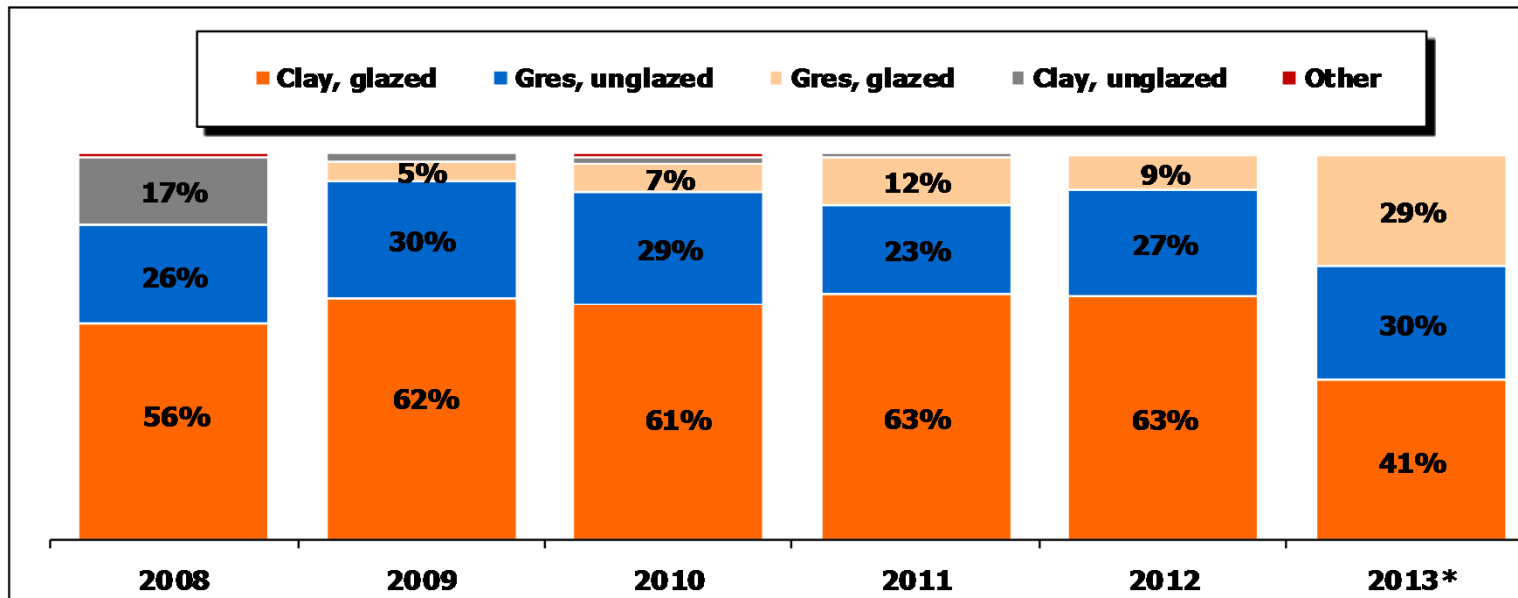


Ceramic tiles export, dynamics



2013* (8 months)

Tiles export structure



2013* (8 months)

Tiles export structure by countries

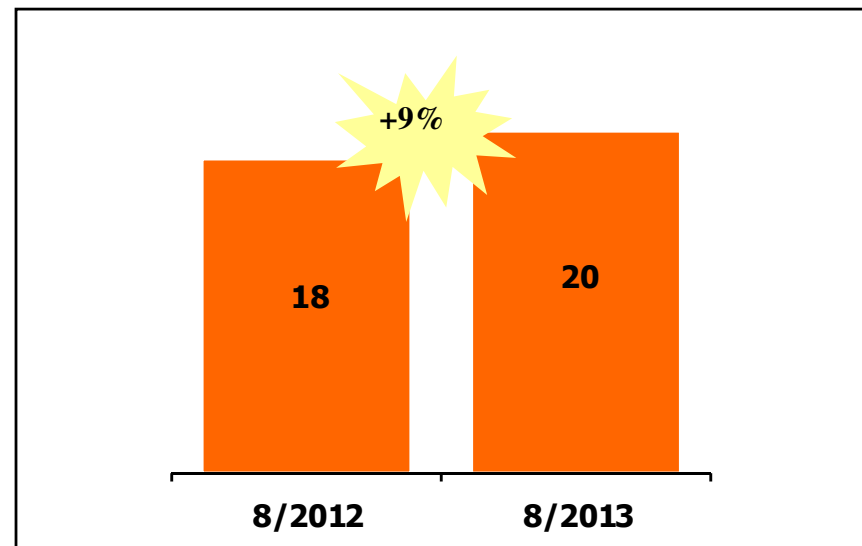
Recipient countries, %, mln \$					
2011		2012		8/2013	
Country	Share	Country	Share	Country	Share
Russia	69%	Russia	74%	Russia	71%
Moldova	10%	Kazakhstan	9%	Kazakhstan	10%
Kazakhstan	8%	Moldova	7%	Belarus	6%
Belarus	5%	Belarus	4%	Moldova	6%
Azerbaijan	2%	Azerbaijan	1%	USA	2%
Canada	1%	Canada	1%	Azerbaijan	1%

Tile export in volume terms

Dynamics of tile export



Ceramic tile, export in dynamics, mln sq.m.

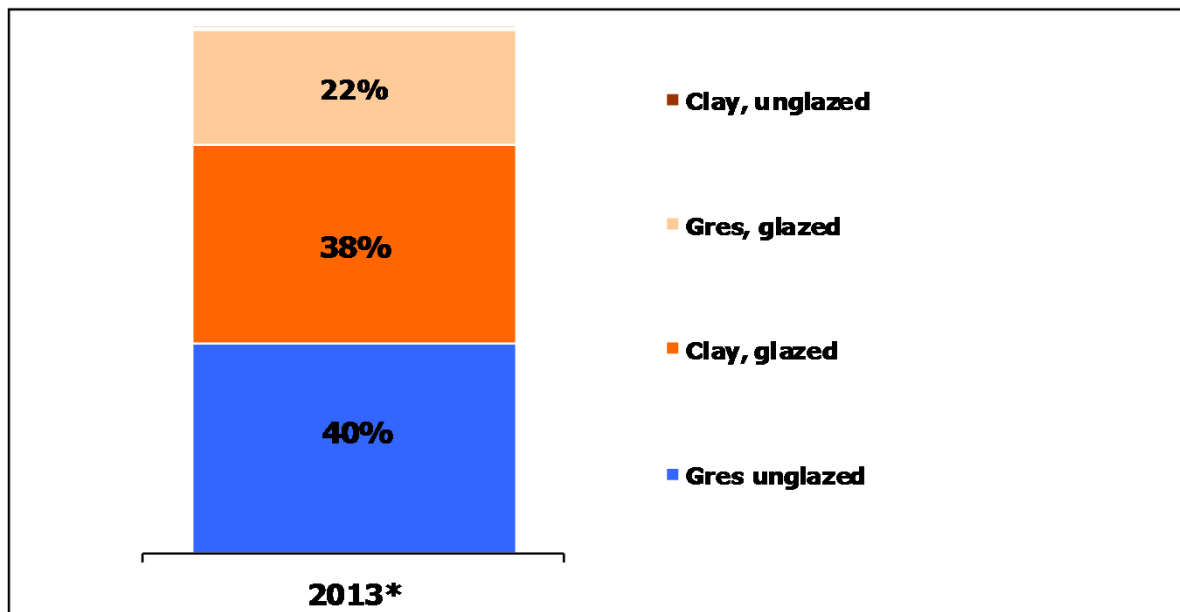


Tile export in volume terms

Dynamics of tile export



Structure of tile export, %, mln sq.m.



2013* (8 months)

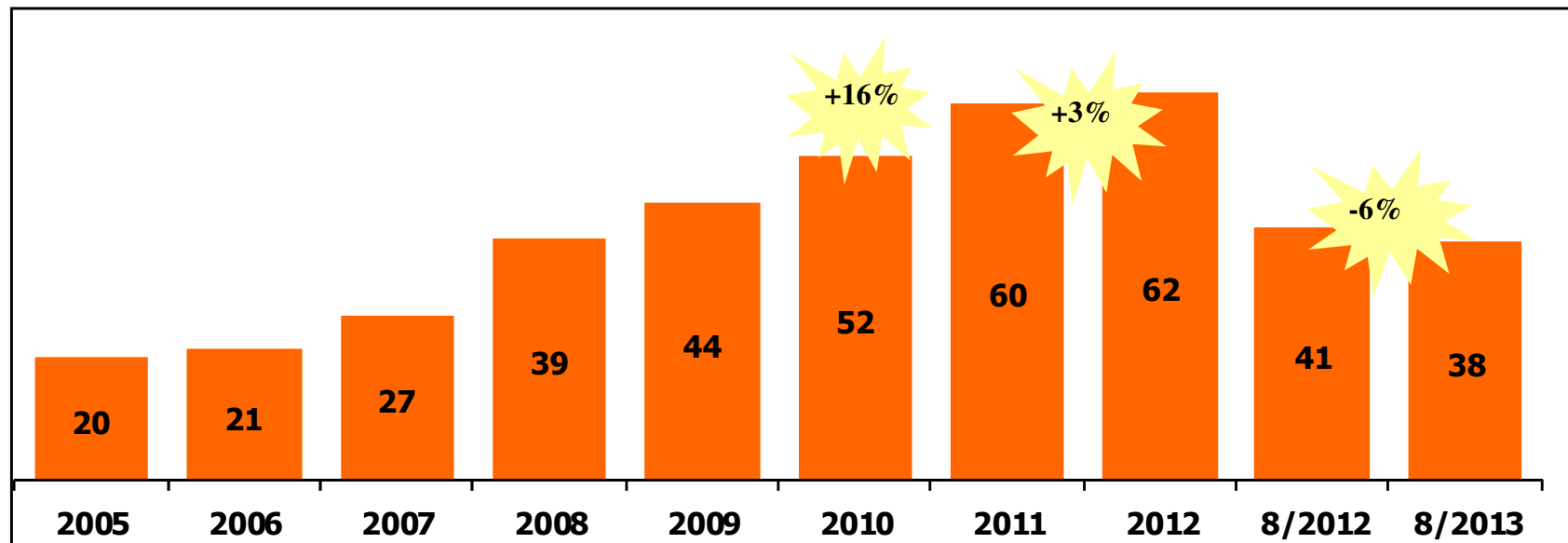
Structure of tile export by region



<i>Countries-recipient, %, mln sq.m.</i>	
Country	Share
Russia	71%
Kazakhstan	9%
Moldova	8%
Belarus	6%
Azerbaijan	1%
USA	1%

2013* (8 months)

Ceramic tiles, production dynamics



2013* (8 months)

Major tiles manufacturers in Ukraine

<i>Major ceramic tile manufacturers, 2012-2013</i>				
Name	City/region	Share in total volume (square meters)		Output volume growth
		8/2012	8/2013	
ATEM, OOO	Kyiv	28%	31%	3%
Kharkov Tile Plant, ZAO	Kharkov	23%	21%	-12%
Cersanit Invest, OOO	Zhitomir region	19%	18%	-10%
Interkerama, ZAO with II	Dnepropetrovsk region	13%	14%	0%
Zevs Keramika, ZAO	Donetsk region	6%	7%	4%
Karpatskaja Keramika, OOO	Ivano-Frankivsk region	4%	5%	1%
Piastrella, ZAO	Kyiv	3%	3%	-7%

Raw materials



Chemical composition of alkaline kaolin:

<i>Components</i>	<i>Indicators</i>	
Mass fraction Al₂O₃	14,00 %	<i>no less</i>
Mass fraction Fe₂O₃	0,80 %	<i>no more</i>
Mass fraction TiO₂	0,40 %	<i>no more</i>
Mass fraction K₂O	3,00 %	<i>no more</i>
Mass fraction Na₂O	0,20%	<i>no more</i>
Mass fraction K₂O+ Na₂O	4,40 %	<i>no less</i>
Mass fraction SiO₂	74,50 %	<i>no more</i>
K₂O/Na₂O ratio	5	<i>no less</i>
Mass fraction MgO	0,40 %	<i>no more</i>
Mass fraction CaO	0,80 %	<i>no more</i>
Moisture content W	12,0 %	<i>no more</i>
Mass fraction MgO+ CaO	1,50 %	<i>no more</i>
Ignition loss (RFP)	3,5 %	<i>no less</i>

Raw materials

Chemical composition of pegmatite:

Characteristics	Pegmatite of type III	Pegmatite of type IIБ	Pegmatite of type IIБ	Pegmatite of type IIБ	
Chemical	SiO₂	75 % <i>no more</i>	75,5 % <i>no more</i>	80 % <i>no more</i>	80 % <i>no more</i>
	Al₂O₃	14,0 %	14,0 %	13,5 %	13,0 %
	Fe₂O₃	0,35% <i>no more</i>	0,5% <i>no more</i>	0,8% <i>no more</i>	1,8 % <i>no more</i>
	TiO₂	0,1 % <i>no more</i>	0,1 % <i>no more</i>	<i>not rated</i>	<i>not rated</i>
	K₂O+Na₂O	8,0 % <i>no less</i>	7,5 % <i>no less</i>	7,0 % <i>no less</i>	6,5 % <i>no less</i>
	MgO+ CaO	1,5 % <i>no more</i>	1,5 % <i>no more</i>	1,5 % <i>no more</i>	1,5 % <i>no more</i>
	Moisture content	6,0 % <i>no more</i>	5,0 % <i>no more</i>	5,0 % <i>no more</i>	8,0 % <i>no more</i>
	Ignition loss (RPF)	0,45 % <i>no more</i>	0,5 % <i>no more</i>	0,65 % <i>no more</i>	1,5 % <i>no more</i>
Limits of particle size	<i>crushed 0-1,25 mm.</i>	<i>crushed 0-5,0 mm.</i>	<i>crushed 0-5,0 mm.</i>	<i>not rated</i>	
Sale	<i>Delivery by carload (69 tons) - railway, bulk cargo or big bags with the unload valve (1 ton) on FCA, DAF, CPT terms; car self-delivery on EXW terms. Dry-cargo is available when the volumes of delivery are more than 3000 tons. Contract price.</i>				



Life loves
those who
loves life!

Children of UAC