### Slovak Glass Association (SGA)

2018





#### Statutes

- founded in 1990
- interest organization, joining the subjects of glass industry and related sectors
- advances legal rights and legitimate interests of its members
- pursues collective bargaining and concludes collective agreement of higher level



#### Statutes

- organizes educational activities and advisory work for its members
- coordinates activities of the members during problem solving within the field of glass industry
- acts as a special advisor on the national and international level



#### Goals

- creating of appropriate conditions for the progress of glass industry
- creating and support of economic, social and employer's interests of association members
- support of the members at their further expertise improvement in the field of glass industry



#### SGA in numbers

(Y2017 figures)

revenues: **355,2** mil. EUR

export: **88**% (292 mil. EUR):

EU: 90%

USA: 3,6%

Russia: 1,0%

China: 1,0%

Others: 4,4%

number of employees: 3087

• 12 members:

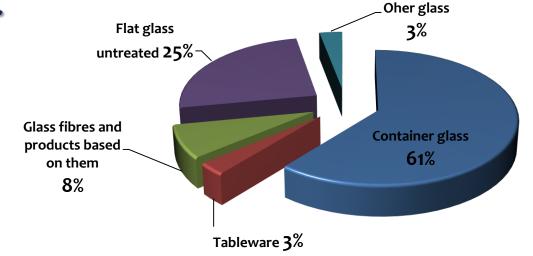
5 production + 1 service organization,

**6** schools, educational, research, academic institutions and companies

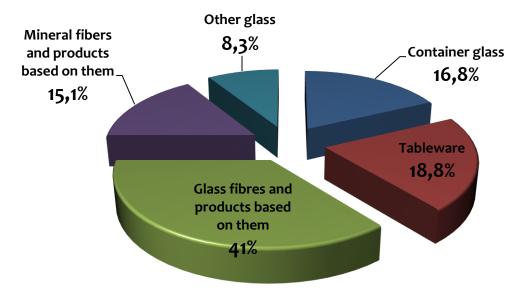


Structure of glass production EU/SR
Oher glass

EU - 28 Y2016

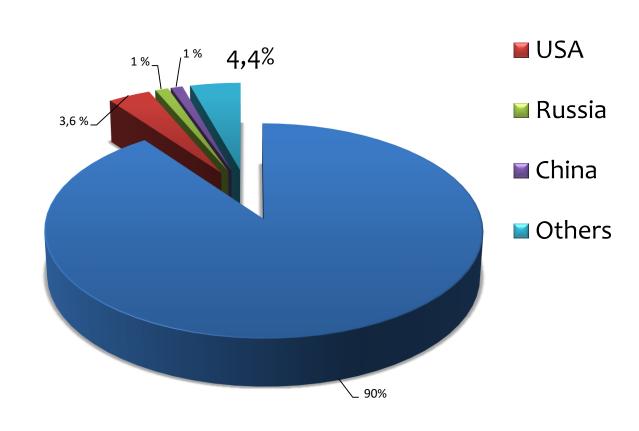


SR – SGA Y2017



# Zväz Sklárskeho PRIEMYSLU SR

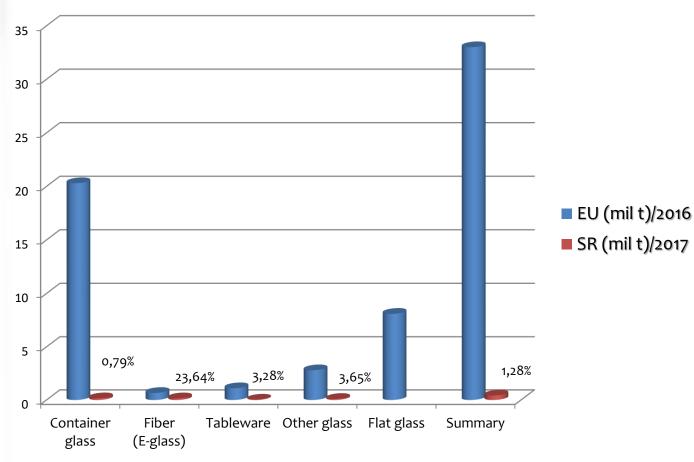
#### SGA- export in 2017



**EU** 

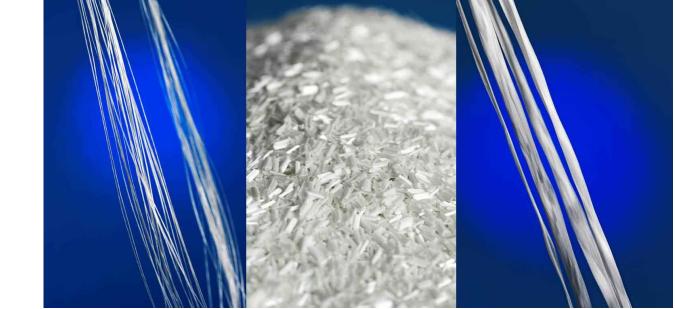
# ZVÄZ SKLÁRSKEHO PRIEMYSLU SR

## Structure of melted glass in t EU/SR Y2016/2017



## Members of SGA JOHNS MANVILLE SLOVAKIA a.s. Trnava

- production of glass fibres and products based on them
- http://www.jm.com/





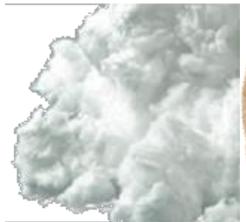
#### KNAUF INSULATION s.r.o. Nová Baňa

- production of mineral fibres
   and products based on them
   (rock mineral wool)
- http://www.knaufinsulation.sk/









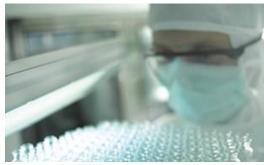


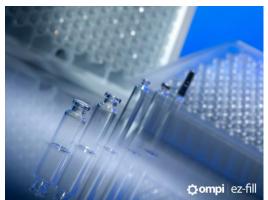
#### MEDICAL GLASS a.s.



#### Bratislava

- production of glass ampoules and vials for pharmaceutical industry
- http://www.ompipharma.com







#### RONA a.s. Lednické Rovne

- hand-made and machine-made production and decorating of tableware and hotel glass
- http://www.rona.sk













#### VETROPACK Nemšová s.r.o.

- production of container glass from flint and green glass for beverages and food
- glass recycling
- http://www.vetropack.sk



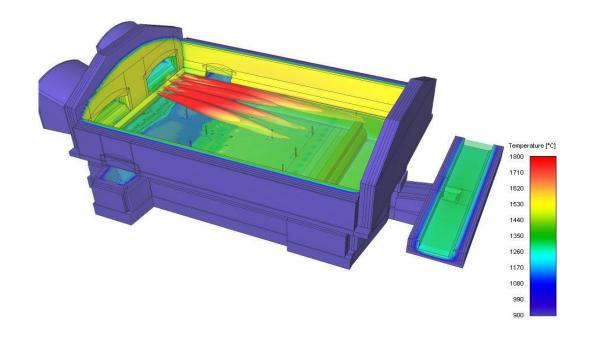






#### GLASS BOOSTING TECHNOLOGY s.r.o. Nemšová

- service organization
- secures and implements electrical boosting for glass melting





Schools, educational, research, academic institutes and organizations

Secondary Glass School Lednické Rovne

 education of experts for middle level and workers' profession in the glass industry

http://www.sossklarska.sk







### Faculty of Metallurgy TU Košice Department of Ceramics

- education of experts in the field of ceramic materials, development of new technologies and optimization in the process of ceramic production
- http://web.tuke.sk/hf-kk/







#### Faculty of industrial technologies Alexander Dubček University of Trenčín

Púchov

education of experts for the glass

industry

– http://www.fpt.tnuni.sk





Faculty of Chemical and Food
Technology STU Bratislava
Institute of inorganic chemistry,
technology and material
Department of ceramics, glass and
cement

http://www.fchpt.stuba.sk







## VITRUM Laugaricio (VILA) Centre of competence for glass research Trenčín

Joint Glass Center of:
 Institute of Inorganic Chemistry SAV Bratislava
 Alexander Dubček University of Trenčín
 Faculty of Chemical and Food Technology STU Bratislava

 development of the basic research in the fields related to glass, its production and decorating

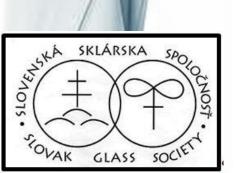
http://www.tnuni.sk





arranges specialized workshops,
 conferences, consulting and advisory work,
 promotion of Slovak glass industry, science
 and research in the homeland and abroad

http://www.slovenskasklarskaspolocnost.sk





#### Vision

- Application of BAT technologies in Slovak glass industry
- Ecological production focused on the decrease of emissions (SO2, COX, NOX) and waste
- Increase % of glass recycling
- Promotion of glass and glass products

#### www.zvsp.sk

