



ALLOW

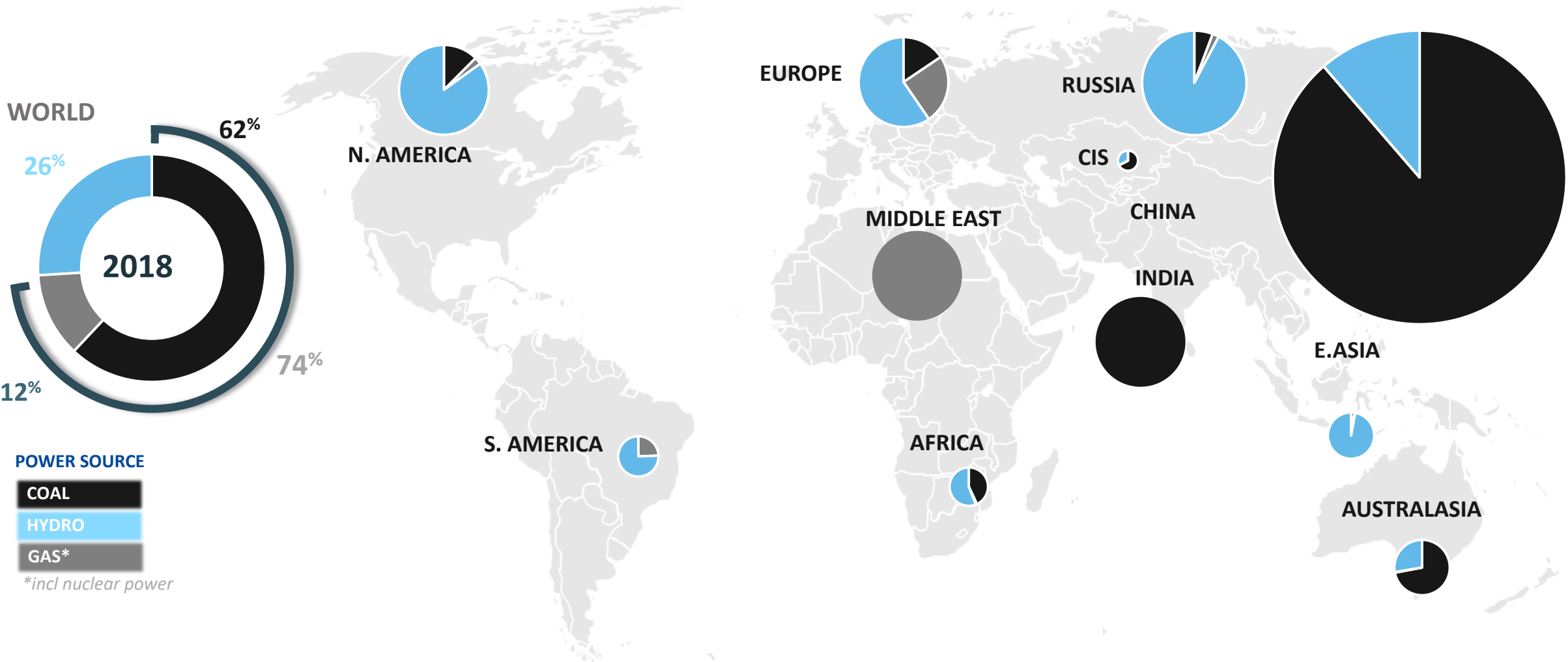
ALLOW – aluminium with low-carbon footprint

Russian Aluminium Association webinar

29 Sep 2020, Webex

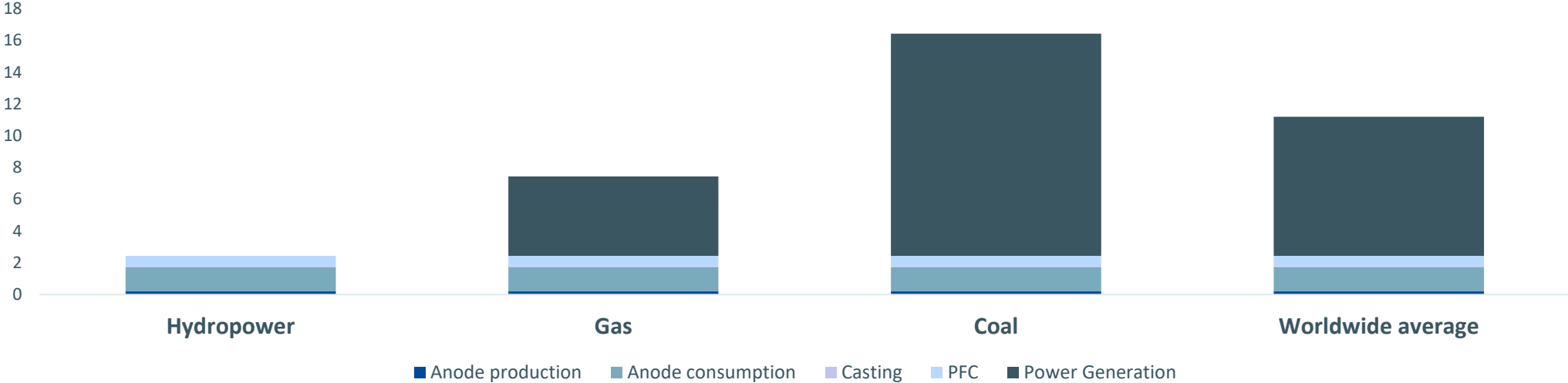


74% of global primary aluminium is produced with non-renewable energy Alu industry contributes to over 1% of the world GHG emissions



Hydro-powered primary aluminium generates 4-5 times less CO₂ than coal-powered – key for meeting growing demand

Carbon footprint t CO₂ eq./ t al (smelter, Scope 1 & 2)*



World primary aluminium production in MT split by energy source** (64 MT in 2018 – projected +50% by 2050)



* Scope 1 : emissions related to the smelter processes Scope 2: emissions related to the energy supply. This corresponds to Level 1, according to IAI’s Aluminium Carbon Footprint Technical Support Document, 2018, http://www.world-aluminium.org/media/filer_public/2018/02/15/carbon_footprint_technical_support_document_v1_published.pdf

**IAI data 2016-2018 3

RUSAL is the largest producer of low-carbon aluminium in the world

In 2019, more than 80% of RUSAL aluminium was low-carbon



> **98%** of RUSAL aluminium was produced using carbon-free power in 2019



Specific power consumption at smelters by 2025

- by **-7%** at our smelters
- Progress to date: **-4%** in 2019



Specific GHG emissions by 2025

- **-15%** at our smelters
- Progress to date: **-11%** in 2019



CO₂ free technologies for anode production (inert anode)

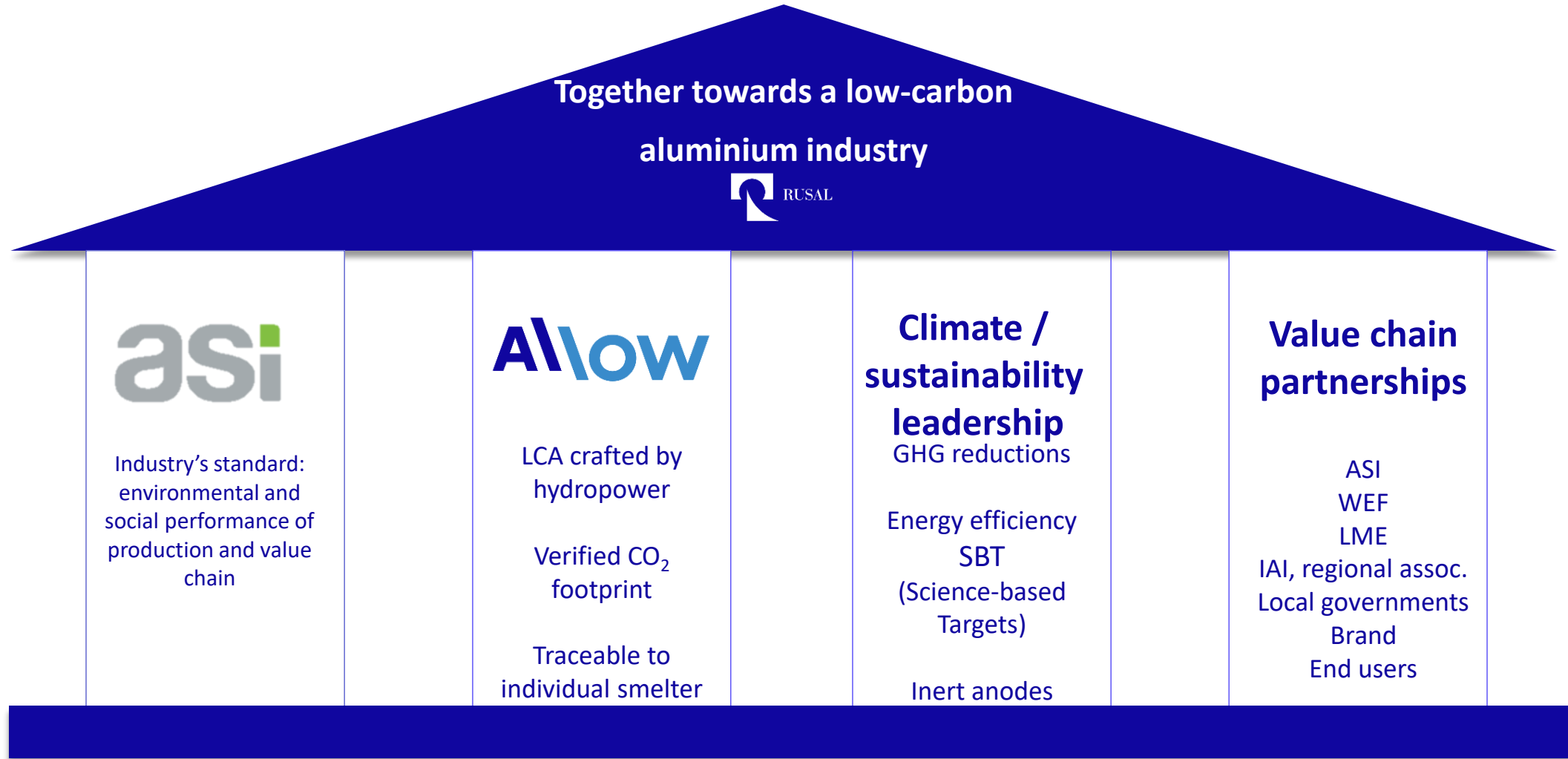


SBTs commitment by end 2021

- revising emissions reduction strategy
- plan to deliver on the SBT



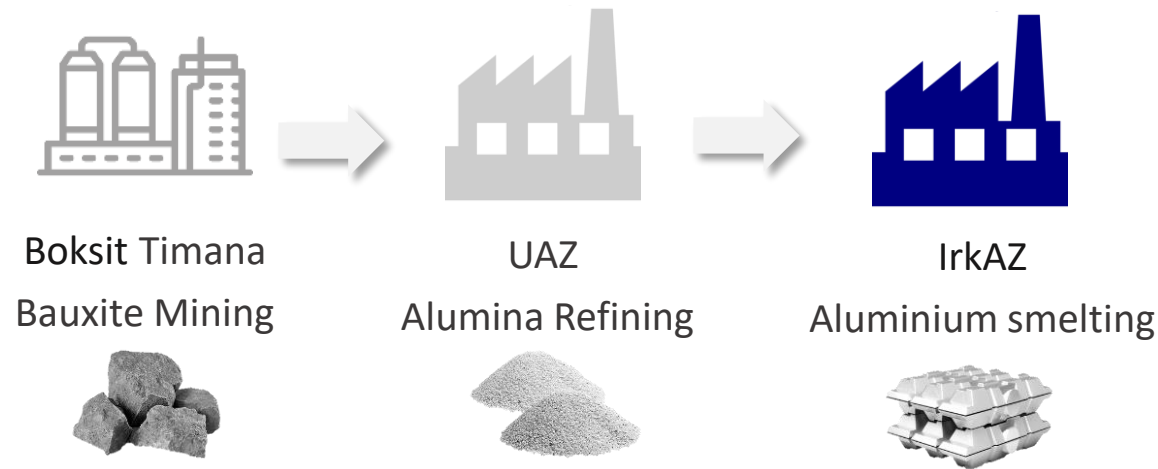
RUSAL's sustainability value proposition



RUSAL's ASI Performance Standard & ASI Chain of Custody Standard certification

- In June 2019 RUSAL's HQ and 3 plants certified

First chain-of-custody certification under ASI by UC RUSAL



- In 2020 – RUSAL's BoAZ, BraZ, KrAZ, Kubal, SAZ to be certified*
- Long-term goal – to certify all facilities

* Deadlines could be corrected due to COVID-19 situation

ASI certification reports are available here: <https://aluminium-stewardship.org/about-asi/asi-members/uc-rusal/>

We commit to full transparency and traceability of CO2 emissions by carbon footprint statements and statements of origin of the electricity

Low-carbon aluminium crafted by renewable hydro power

ALLOW <4 <8

Scope 1&2 Full scope
Carbon footprint, T of CO₂ / T of Al

- Supplied by RUSAL, the world’s largest low carbon aluminium producer
- RUSAL produces 25% of the world hydro powered aluminium
- RUSAL aims to produce all of its aluminium with 95% carbon free energy by 2025
- ALLOW by RUSAL is available worldwide

Carbon footprint

- Verification of carbon footprint by the 3rd party
- Guaranteed CO2 footprint and secured by contract
- Traceable to a single smelter
- RUSAL promotes CO2 transparency across the value chain

The low CO₂ complement to ASI certified aluminium



ALLOW

aluminium crafted by hydro power



For more information please contact:

Jerome Lucaes, Marketing Director, Sustainability, Jerome.Lucaes@rusal.com

Olga Krylova, Sustainability and Marketing Manager, Olga.Krylova@rusal.com

Veronika Agzamova, Sustainability and Marketing Manager, Veronika.Agzamova@rusal.com