Aluminum's diverse benefits

Smelting process

Bauxite

Alumina

Virgin aluminum

Recycled aluminum Scrap aluminum

Benets of aluminum

- · Highly resistant to low temperatures
- · Excellent electrical conductivity
- · Reflects light and heat
- · Resistant to corrosion
- · Lightweight
- · Non-toxic
- · Easy to cast
- · Strong
- · Easy to recycle
- · Attractive in appearance
- · Comparatively non-magnetic
- · Easy to machine and process
- · Excellent heat transmittance

The UACJ Group's wide-ranging precision-machining processes



UACJ's strategies

Mid-term management plan (pages 21 – 22) Structural reforms (pages 23 - 26)

UACJ's strengths and basis for growth (pages 45 - 47)

Human capital

- A diverse workforce of about 10,000 employees in 10 countries of the world
- Expertise in occupational safety

Intellectual capital

• Over 100 years of accumulated expertise in aluminum

Manufactured capital

- More than 1.5 million tons of annual production capacity
- Manufacturing facilities are among the world's largest, including a hot-rolling mill totaling 400m in length and 4.3m wide

The recycling of aluminum helps reduce CO₂ emissions and facilitate more effective use of resources

