

## **Expectations**



## **Basic Expectations**

Safety
Productivity & Cost
Innovation
Compliance

## **Extended Expectations**

Belong to the most sustainable supplier ecosystem in the metals and mining industry



## Supplier selection & requirements



#### **Our Priorities**

Safety
Productivity
Cost
Innovation
Compliance

### **Our Supplier Requirements**

- Safety
- Productivity
- Performance
- Quality
- Compliance
- Cost leadership
- Operational Excellence
- Sustainability leadership
- Innovation
- Support multiple sites

**Qualifiers** 

Selection differentiators

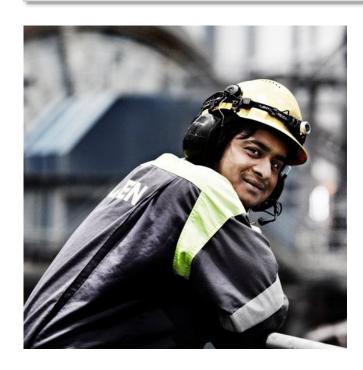
We will always aim for a fair and healthy competition



### Be Safe



Everyone leaves our sites unharmed, with maintained health Every day!



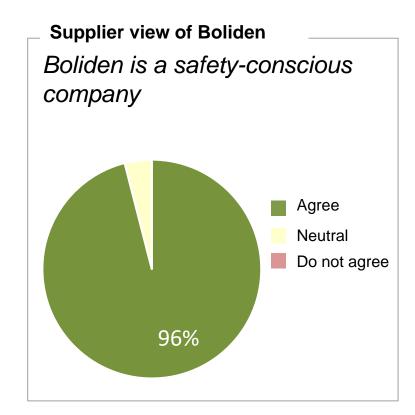


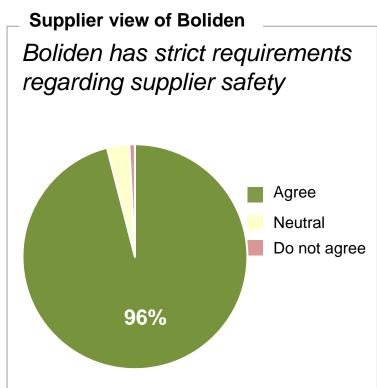


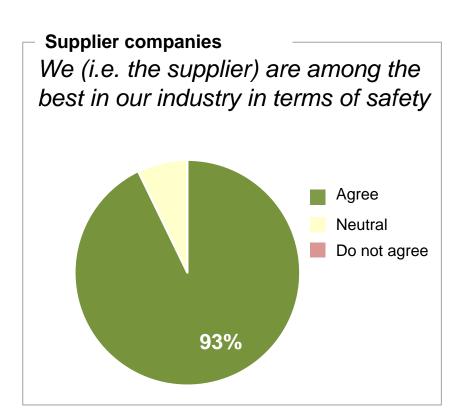


## **Results from the Supplier Survey**









What could possibly go wrong...





A contractor slipped while climbing down from an excavator and the ring on one finger got tangled in one of the anti-slipping spikes of the step causing a deep flesh wound on the finger

A contractor was exposed to gas from blasting. The worker started to feel ill and visited the hospital. The personal measuring equipment for CO and NO did not alarm.

A contractor suffered chemical burn on the face during unloading of caustic soda

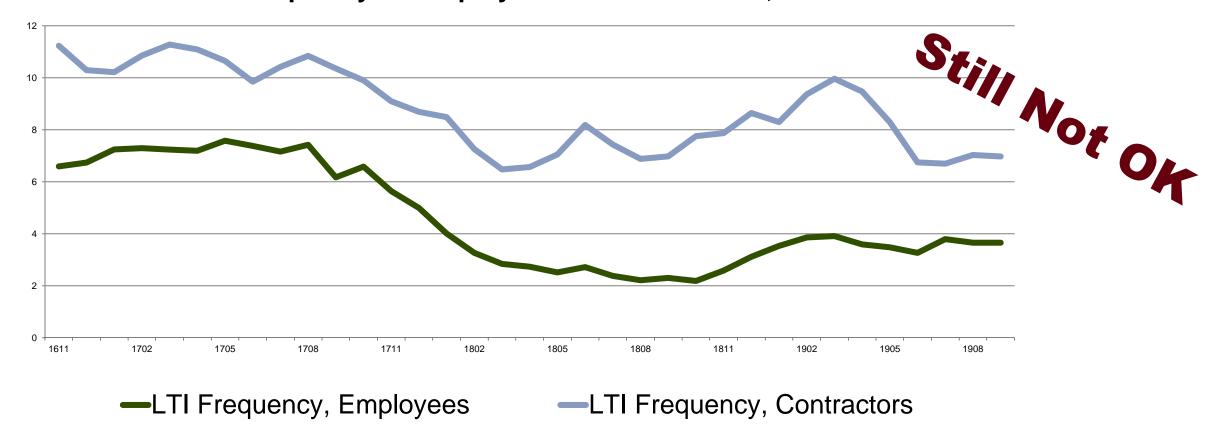
A contractor who was hit in the face while working to control pressurized water causing a broken jaw and stitches A contractor suffered burns on the feet during cleaning of a heat exchange boiler funnels A contractor was clamped between the rock-face and a charging truck suffering serious injuries



## **Supplier Safety Performance**



#### LTI frequency on employees and contractors, R12





## Boliden Supplier Safety Log

E E E E E E E E E E E E E E E E E E E	) ara)	5 4 4 4 4 3	9 0 0 25	2018-11 2019-08 2019-09 2018-12	2 2 2	Adecco staff led by Boliden Action plan defined Continuous
E E E E E E E E E E E E E E E E E E E		4 4 4	0 25	2019-08		
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_		3	О	2018-04	О	
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P		2	О	2018-05	О	
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I		2	О	2017-08	О	
C NAFE E		2	o	2017-05	0	
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J		2	О	2018-06	О	
<		2	О	2018-07	О	
C		2	28	2019-03	О	
1			О	2019-04	3	
I			o	2019-01		

#### When on the list:

- Improvement program mandatory for Boliden assignment
- 2. Create Monthly LTIF reporting for all Boliden assignments

## **Boliden Supplier Safety Scorecard**



#### Supplier:

Total (Rolling 36 month)

No of LTI	4
No of IVA	10
No of Alt Work	0
No of Near Miss	0

Per Quarter and Risk Class (24 month)

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Q	RC1	RC2	RC3	N/A	
2017 q3	0	0	0	0	0
2017 q4	0	0	0	1	8
2018 q1	0	1	1	0	8
2018 q2	0	2	0	0	8
2018 q3	1	3	0	0	8
2018 q4	0	2	0	0	8
2019 q1	0	0	0	0	0
2019 q2	0	0	0	0	0
Total	1	8	1	1	

#### Latest incidents

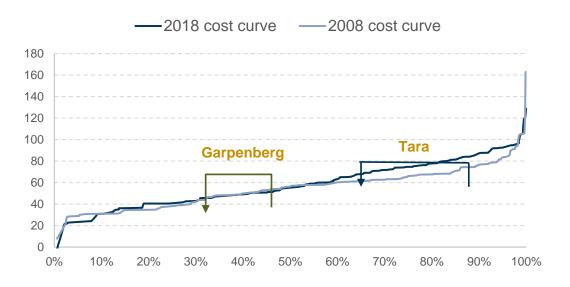
Month	Class	Туре	Site	Description
2019 sep	RC2	IWA	Kylylahti	The operator was about to unload the blocked rods on the car with a cordiess drill. One end of the rod was on the car and the other was in the hand. The other end slipped off the car and the bar hit the hand. It caused pain and swelling. The operator was able to work until the end of the shift
2018 okt	RC2	IWA	Aitik	En lastbil som var lastad körde från sandmagasinet emot YIT's arbetsområde. Av okänd anledning körde personen av vägen på fel sida.
2018 okt	RC2	LTI	Atik	When a contractor was descending from an excavator, his feet slipped even though three-point grip was applied. The contractor could not hang on despite holding on with both hands. This resulted in that the contractor fell to the ground, injuring the shoulder.
2018 sep	RC2	IWA	Aitik	En av våra dumper förare var på väg por till å 9 etableringen för att tanka adblue. Våran dumperförare höll ut så nära vägräcket som hen bara kunde wurder slog speglarna i varandra och rutan exploderade. Händelsen var mellan nya sligvägen och infarten till BDX AO. Längs med HS-magasinet. Fordonet som kom kömades vet vi inte vem det var för föraren stannade inte.
2018 sep	RC2	AWI	Aitik	Efter tippning med sandbil när bilen ska köra iväg så väller lastbilen på sidan. Lastbilen stod rakt och stabilt när mottagaren sa att han fick tippa av den, stod ett par meter ifrån kanten. Kanten gav ej vika.

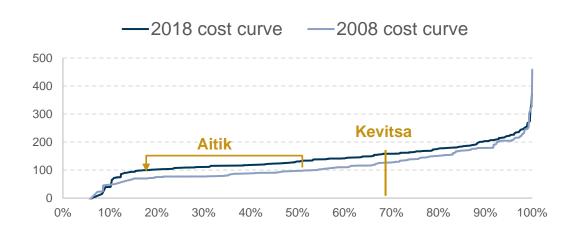


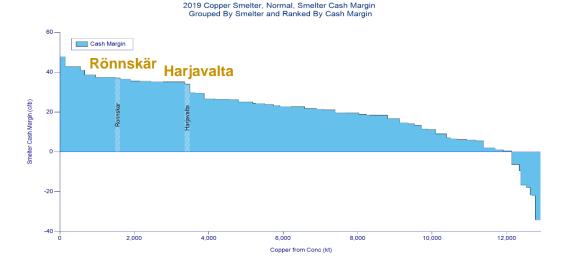
## A robust operation over business cycles

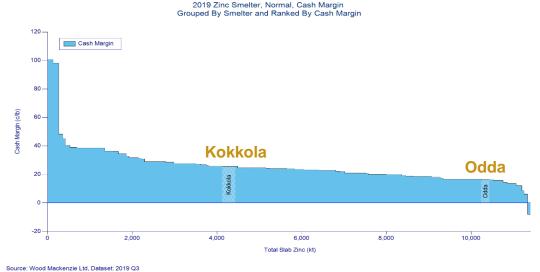
## SUPPLIER 20 SUMMIT 19

### Cash cost position - Only the most competitive will make it



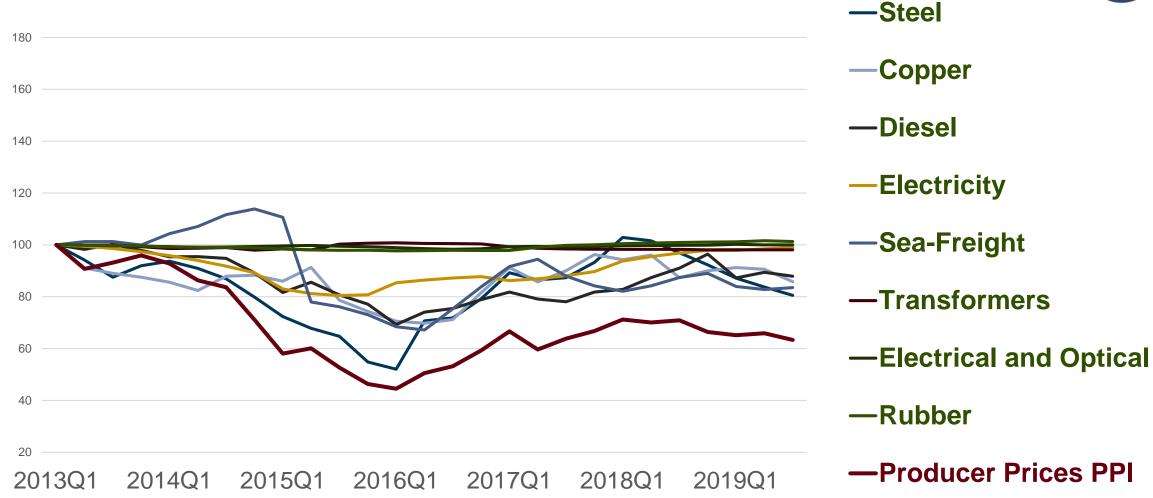






## Market development – Flat cost development since 2013!



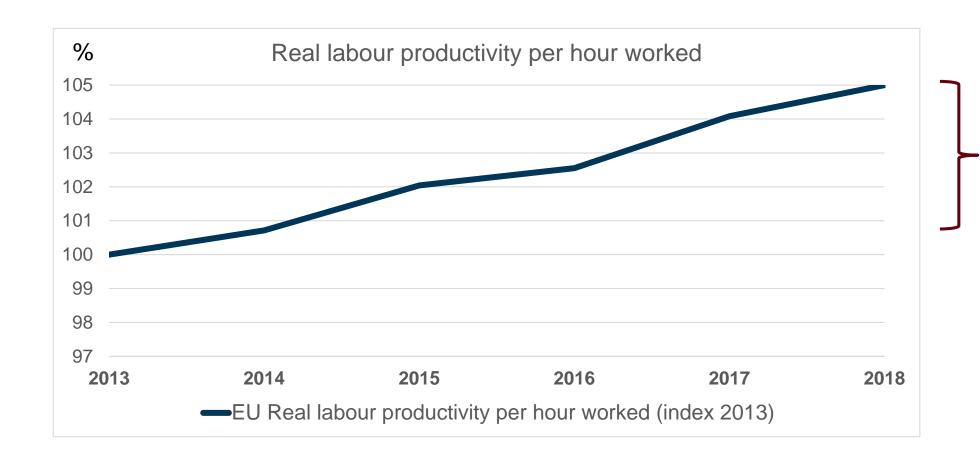


Source: IHS Markit



## **Productivity is increasing**





Increased labour productivity 5,0 %

. . . .

Since 2013 for Average Companies



## **Conclusion – Cost and Productivity**



**EXTERNAL COST** A flat cost development on products and services index since 2013

**PRODUCTIVITY** General productivity improvement index in the rage of 5 %

**PRICES TO BOLIDEN** A general price increase push on products, spare parts, services and equipment every year

**CONCLUSION** a) You are worse than index on your external costs

b) You are worse than index on your internal productivity

c) You have significantly improved your own profit margin

**ILT**A non competitive offering leading to a non competitive customer

(Cash Cost Curve)

RESULT

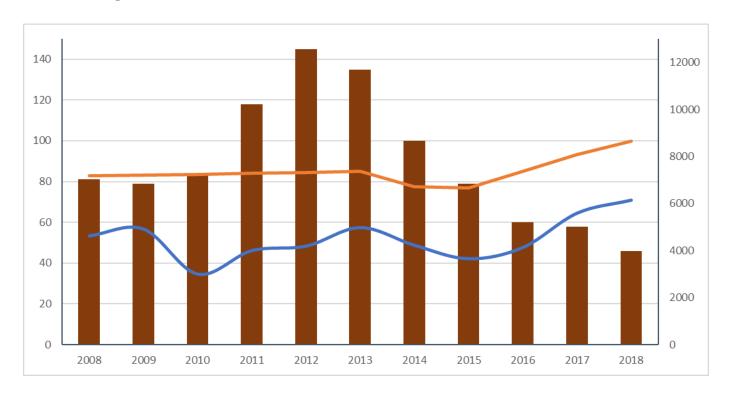


## Sustainable relations



Boliden is an exceptionally stable customer over the business cycles - We expect our suppliers to engage on the upcoming projects in all phases of the business cycle

#### **EXPENDITURE LEVEL**



Global Mining Capex (BUSD).

Boliden Capex (MSEK)

Boliden Opex (MSEK)

Source: Goldman Sachs, Gobal investment research; Boliden Annual report 2006-2019



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## Compliance to Business partner code of conduct









**Environment** 



**Human Rights** 



Labour Rights



### **Boliden CR Evaluation framework**



#### Responsible Sourcing

CR evaluation integrated into the sourcing process



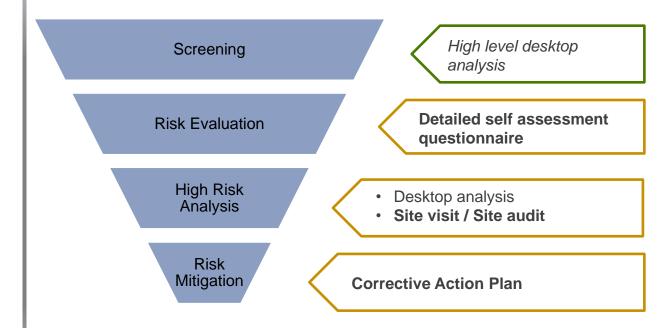
 Business Partner code of conduct

#### **SCANMARKET**



- Self Assessment Questionnaire
- Category/Product Specific CR Demands
- Sanction Controls

## Business Partner evaluation Evaluation and follow up of Business Partners





### **Boliden Procurement**



**Group Managed Categories**Logistics, IS/IT, IM&S



**Mines Categories** 



**Smelters Categories** 



**Total Spend 1,5B EUR** 

Bulk

Fixed Equipment Mobile Equipment Tools & Consumabl.

Logistics

**Services** 

Indirect
Material &
Services

IT and Telco

**Electrical** 

## Our common process



You are selected

We sign a contract with You

You get a calloff purchase order

Order confirmation

You deliver and invoice us

You get paid

Evaluation of portfolio and geographical fit Compliance

Fair and business driven terms & conditions

Always
secure a
Purchase
Order before
work
commence

Confirm your intention to deliver and commit lead-time

Always
deliver and
invoice with
purchase
order
reference

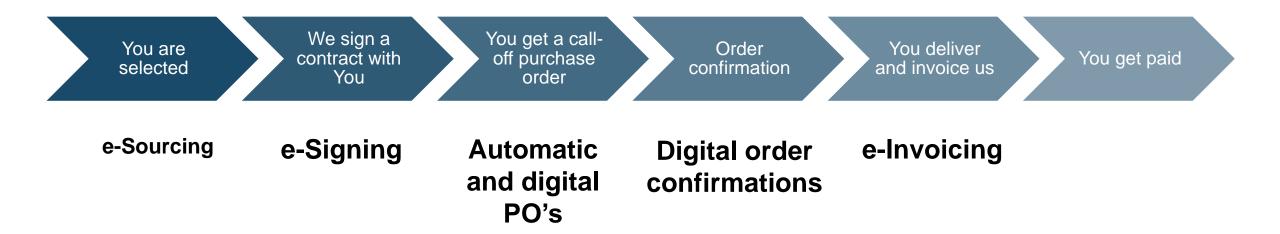
Money in your bank account



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## The e- enabled process





- Going towards EDI deployment for all steps
- Our ERP/integration hub is the master,
   we can't adopt to all your web shops and digital channels



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## **Consignment stocks**



Consignment is one method to free up capital and labor, todays multiple agreement structures and set-ups leads to inefficiencies and therefore less consignment businesses

#### Areas to be discontinued:

- Transfer of risk and invoicing at intake
- Stock levels and stock out risks on Boliden
- Obsolescence risk solely on Boliden
- Multiple site specific agreements with same supplier





### In the room today....



























































































































































































































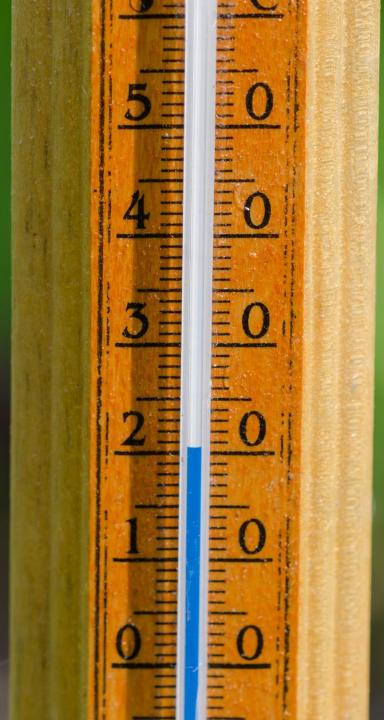








## The Most Sustainable Metal Producer



### **Sustainable Business**





- Energy efficiency
- Electrification
- CO<sup>2</sup> reduction
- Safety
- Health
- Reduce waste
- Reduce emissions
- Local community support



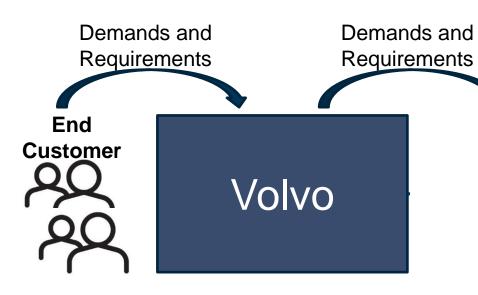
Regulations, creditors, local communities etc











Demands and Requirements

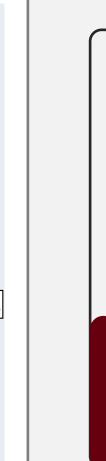
Demands and Requirements

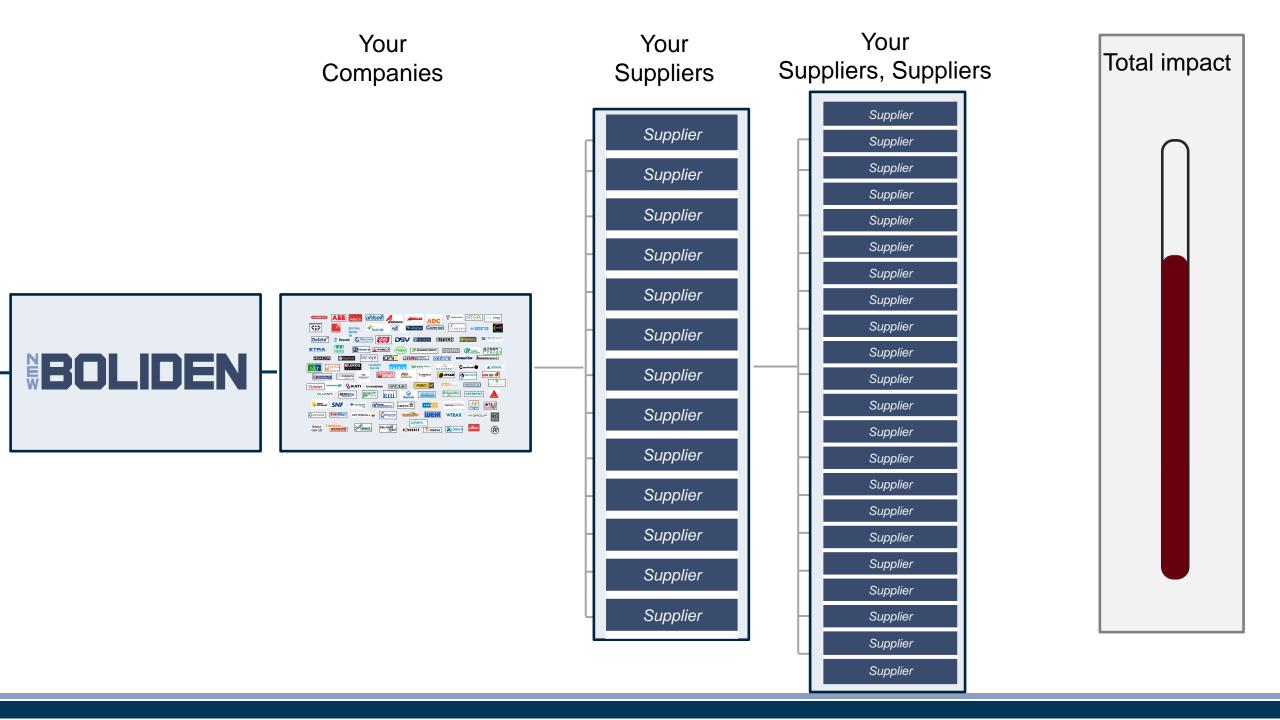
#### Your Companies

BOLIDEN



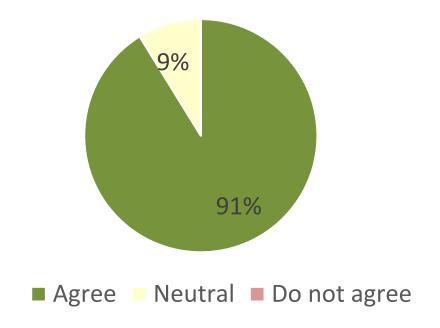






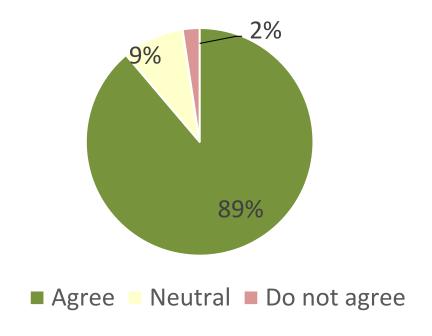
# **Supplier capabilities**-Results from the Supplier survey

My company has the capability to help Boliden improve the environmental impact even further





I understand Boliden's sustainability demands and requirements and know how we as a supplier can contribute





# Belong to the most sustainable supplier ecosystem in the metals and mining industry



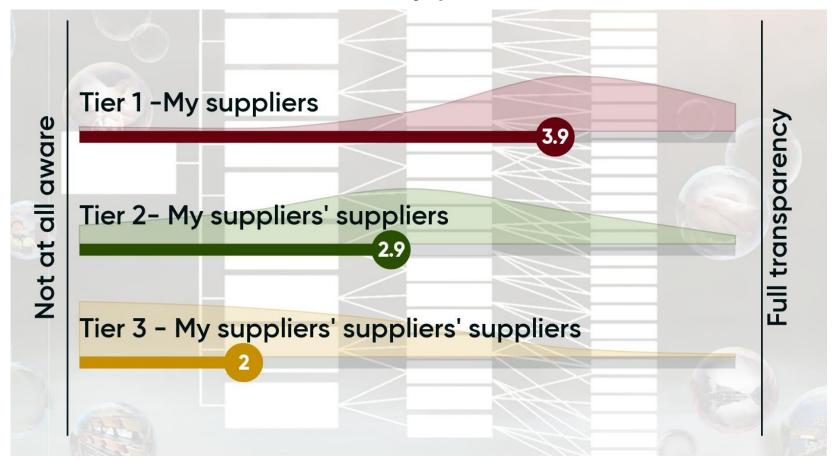
To be the most sustainable metal producer...

...we need to have the most sustainable supplier ecosystem

## Mentimeter Poll - Supply chain insight



Please state your company's level of insight of your suppliers sustainability performance?







## Sustainability expectations

Sign the code of conduct

Answer our self assessment questionnaires

Report all safety incidents

Report CO2 emissions

Support our reporting needs

Comply with Code of Conduct and safety regulations



## Sustainability expectations

Build a sustainable supply chain

Continuous improvement

Support our reporting needs

Comply with Code of Conduct and safety regulations

- Your customer demands drives your supplier demands
- Establish a code of conduct and Conduct supplier evaluations
- Develop your suppliers
- Secure your reporting needs down supply chain

## Sustainability expectations

Innovate

Build a sustainable supply chain

Continuous improvement

Support our repording needs

Comply with Code of Conduct and safety regulations

- Allocate R&D resources towards sustainability challenges and help us create the most sustainable eco system
  - Energy efficiency
  - Electrification
  - CO2 –Reduction
  - Automation
  - Etc
- Influence Us to become better

# Mentimeter Poll: State the most important sustainability improvements that your company will focus on the upcoming 3-5 years



## **Summary**

## **Basic Expectations**

Safety
Productivity & Cost
Innovation
Compliance

## **Extended Expectations**

Belong to the most sustainable supplier ecosystem in the metals and mining industry