

The Bloom of  
Agriculture in  
Indonesia

# Yielding Next Gen. Agri Conglomerate Leveraging Tech Orchestration

# Key Pain Points across the Global Agriculture Value Chain Hinder the Sector from Reaching its Full Potential

01

## Limited access to financing

- Inadequate data points makes it difficult for financial services players to provide loan/credit facilities to small and moderate farmers, especially with the absence of collaterals

02

## Inefficient and fragmented supply chain

- Higher cost of procurement and waste losses due to the presence of numerous intermediaries across the supply chain.

03

## Lack of access to technology

- Low technology adoption results in limited traceability of agricultural produces.
- Limited data points to work with for improving yields and reducing costs

04

## Uncertainty in input prices and climate change

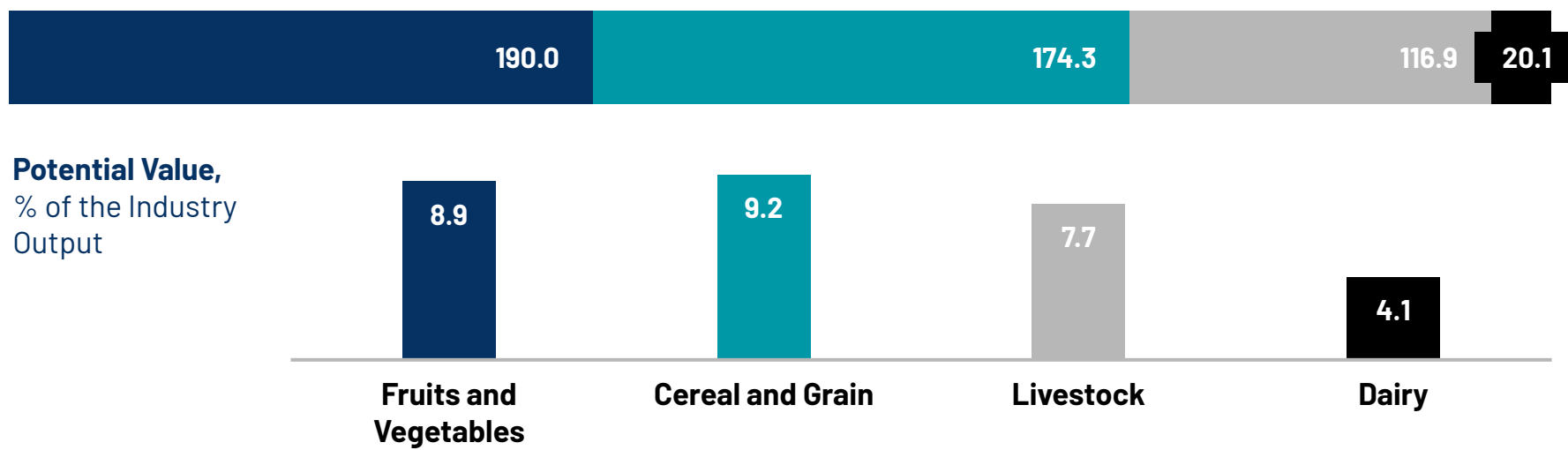
- Increasing pressures from volatility of input prices and climate change due to limited digitalization lead to declining yields and increasing costs

Source: Deloitte From Agriculture to AgTech (2016); EY Agritech towards Transforming Indian Agriculture (2020)

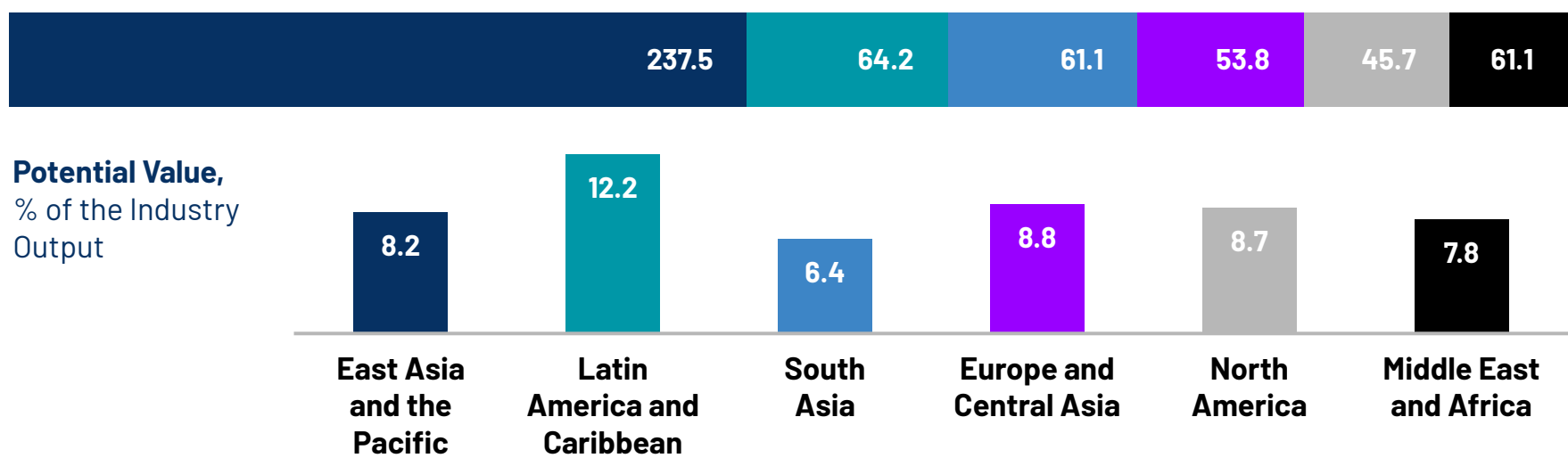
# Challenges in Agriculture Sector Present a Lucrative Opportunity for Digital Transformation Fueled by Connectivity

Enhanced connectivity in agriculture could **unlock value of more than US\$500 Billion** to global Gross Domestic Product by 2030

Distribution of potential value from connectivity in 2030, by sub-industry (US\$ Bn)



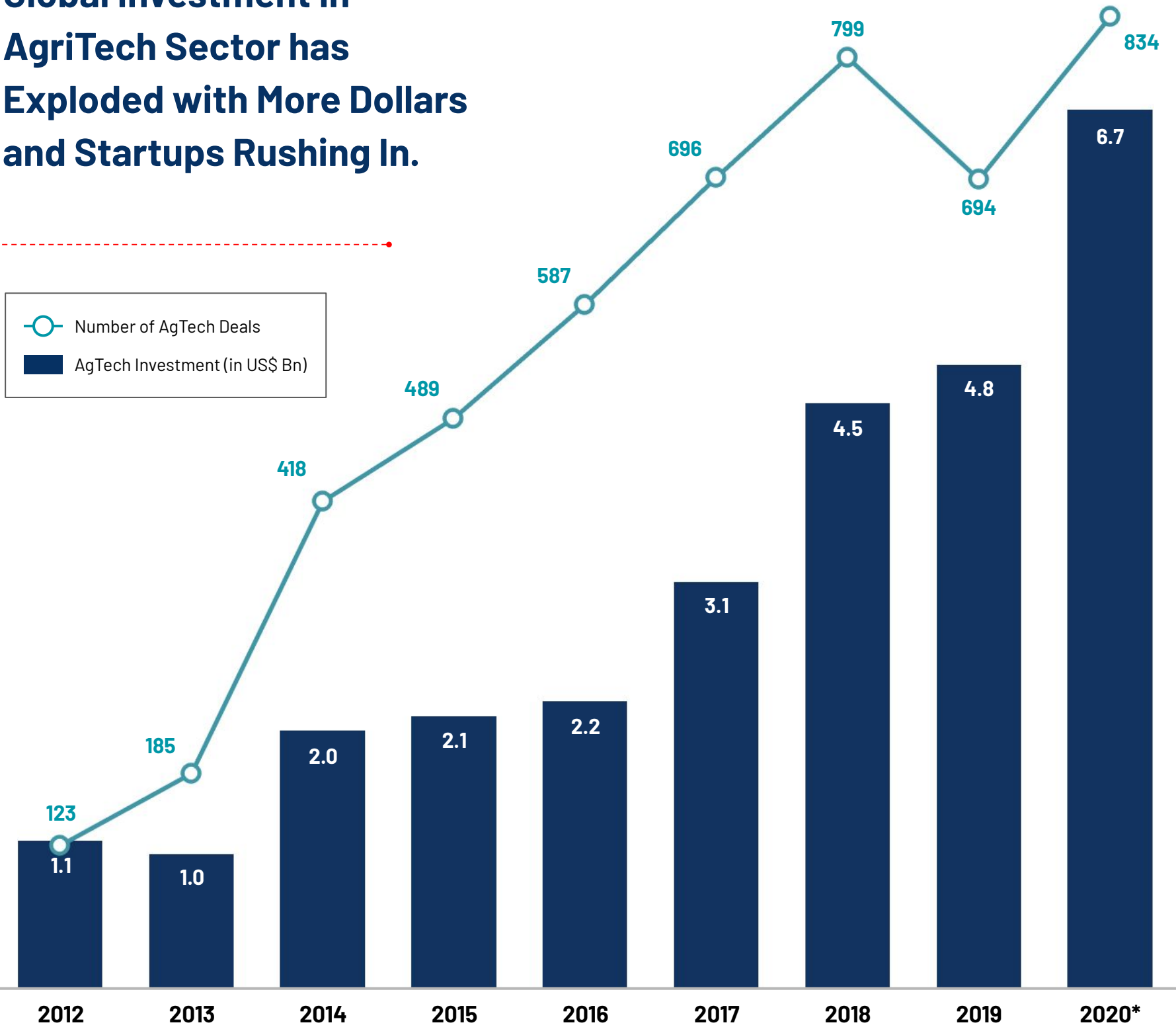
Distribution of potential value from connectivity in 2030, by region (US\$ Bn)



Source: McKinsey Agriculture's Connected Future: How Technology can Yield New Growth (2020)



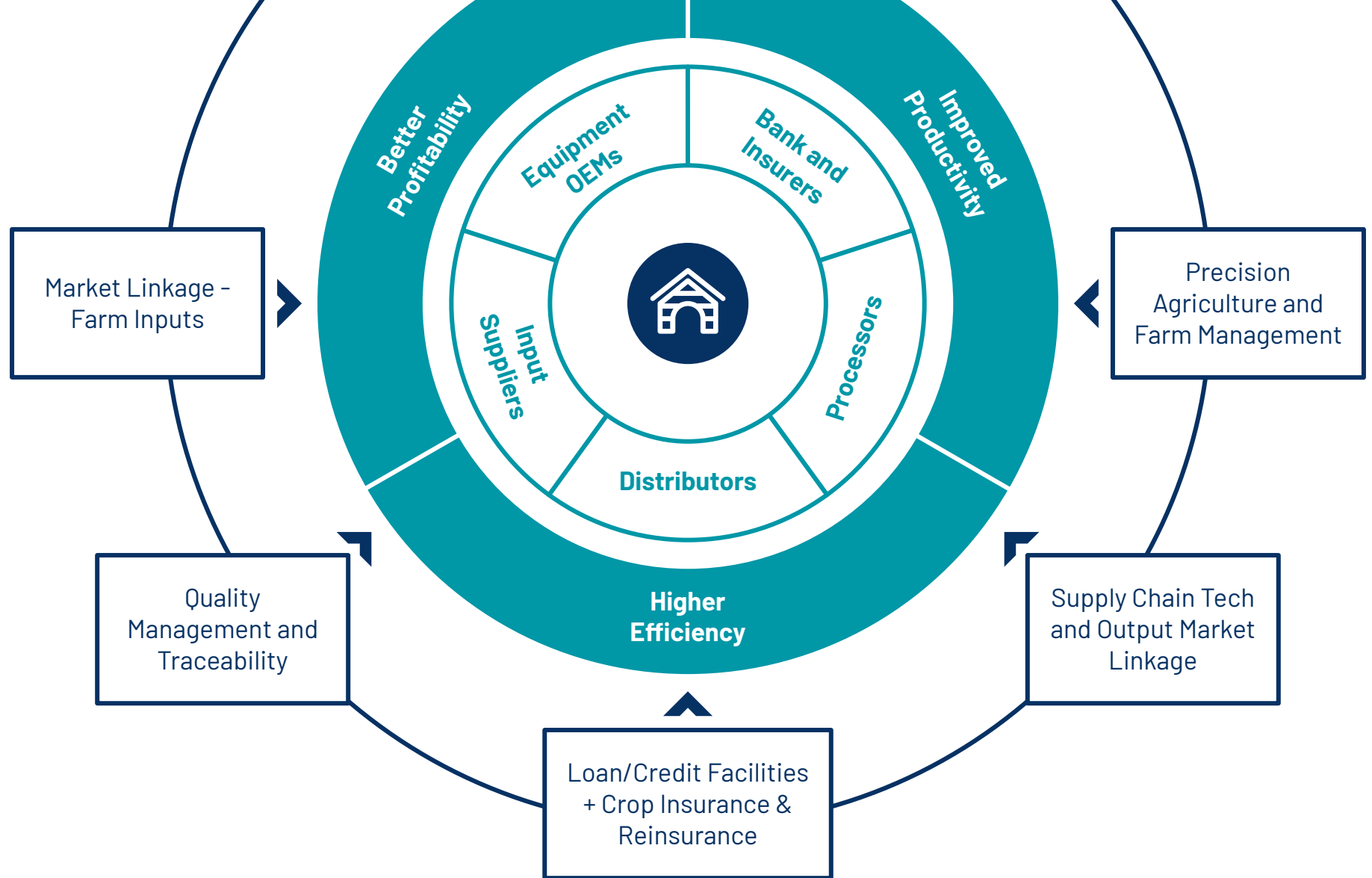
# Global Investment in AgriTech Sector has Exploded with More Dollars and Startups Rushing In.



\*) As of July 29, 2021

Source: AgFunder Farm Tech Investment Report (2020; 2021)

















## Leveraging the Technology across Agriculture Value Chain Leads to Better Profitability, Higher Efficiency, and Improved Productivity

Source: Deloitte From Agriculture to AgTech (2016); EY Agritech towards Transforming Indian Agriculture (2020)

# Increasing Momentum of AgriTech Sector are Bound to Occur in the Indonesian Market

Validated by rising number of Market Leaders that have already been backed from MDI and other VCs with gap in the **#Agribusiness Marketplace**, **#Farm Management Software & IoT sector**, and even more **#Novel Farming System** where **#AriseConviction** will be in the upcoming year

	Agribusiness Marketplaces	Farm-to Consumer eGrocery	Farm Management Software & IoT	Novel Farming Systems
Proven Model	 <b>FARMERS</b> <small>BUSINESS NETWORK™</small>  <b>DeHaat</b> <small>Seeds to Market</small>  <b>BIJAK</b>	 <b>M PERFECT</b> <small>FOODS</small>  <b>GrubMarket</b> 	 <b>Aquabyte</b>  <b>cropx</b> <b>Porphyrio®</b>  <b>FAROMATICS</b> <small>Farm Robotics and Automation SL</small>	 <b>Ynsect</b>  <b>innova</b> <small>FEED</small> <b>MOWI®</b>
Indonesia?	<b>ARISE.7</b> <b>Arise Conviction</b>	 * <b>TaniHub</b> <small>connecting farms with people</small> <b>sayurbox</b>	<b>ARISE.7</b> <b>Arise Conviction</b>	<b>**</b> <b>eFishery</b> <b>aruna*</b> <b>D3LOS*</b>

\*) MDI's Portfolio

\*\*) More Convictions to come in this category







# Enable SEA Next Gen Start-up Founders to Scale-up













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<http://www.arisevc.co/>

#ScaleUpToArise

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