

Supply Chain & Logistics

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Basic Steps of SCM



Supply Chain

Pharmaceutical



Planning

Different types of planning are done such as demand planning, production planning and material planning.



Sourcing

It's important to find a reliable supplier to get a quality and timely supply of material.



Production

Three type of production mainly used are mass production, mass customization and customization.



Inventory Management

In this goods are stocked in warehouses to further deliver to the final customer.

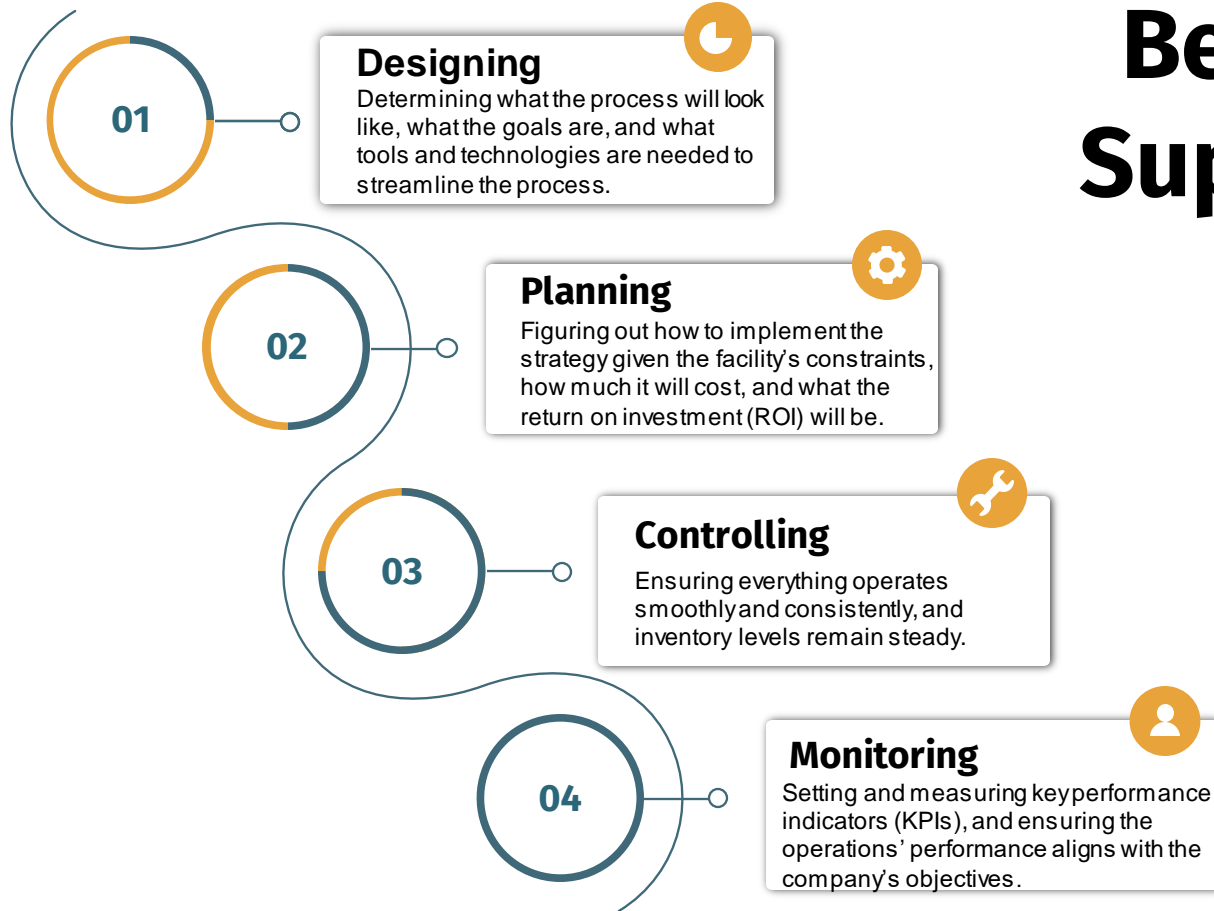


Logistics

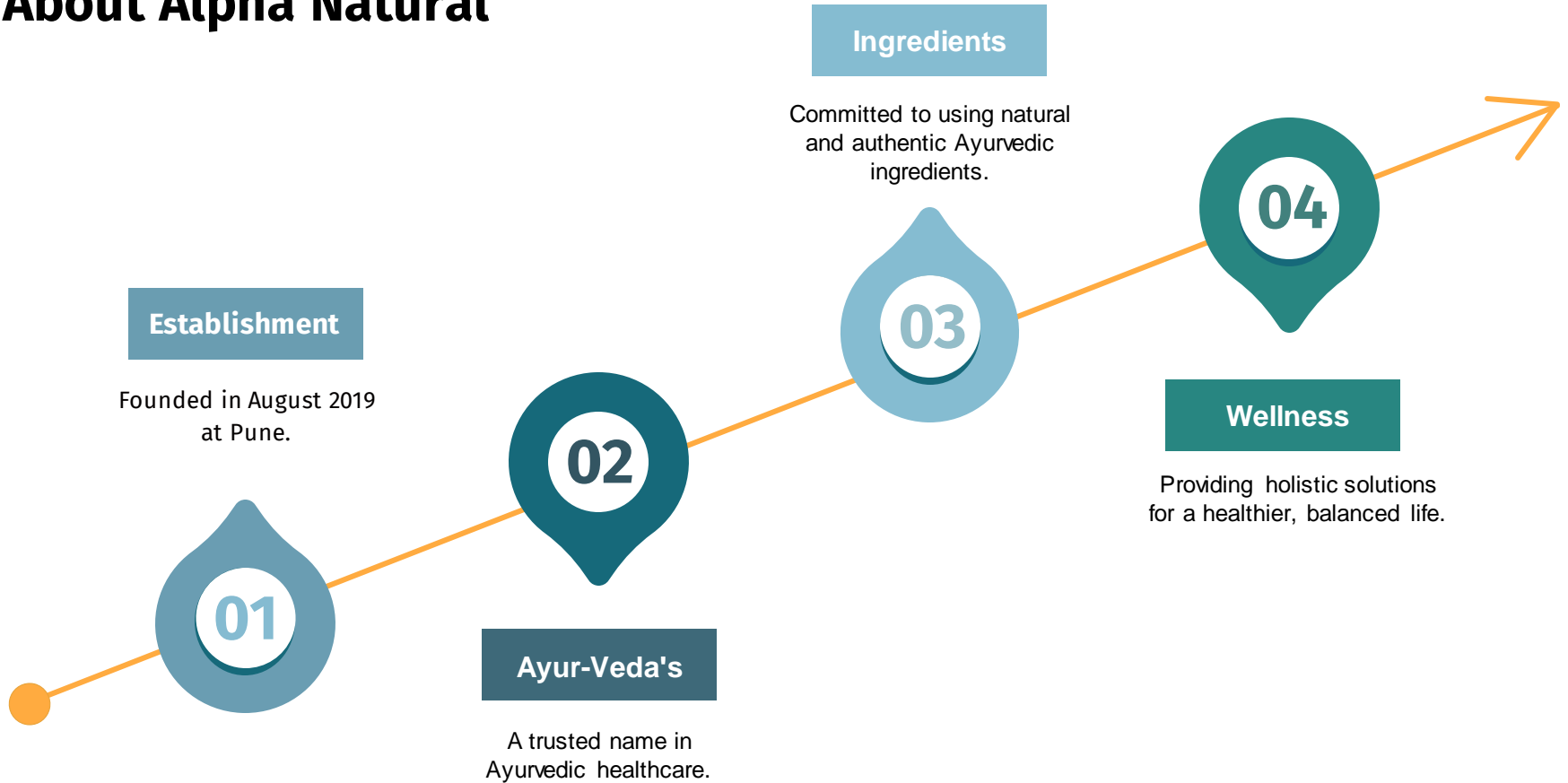
Logistics consists of two things warehouse management and Transportation.

Supply Chain Management

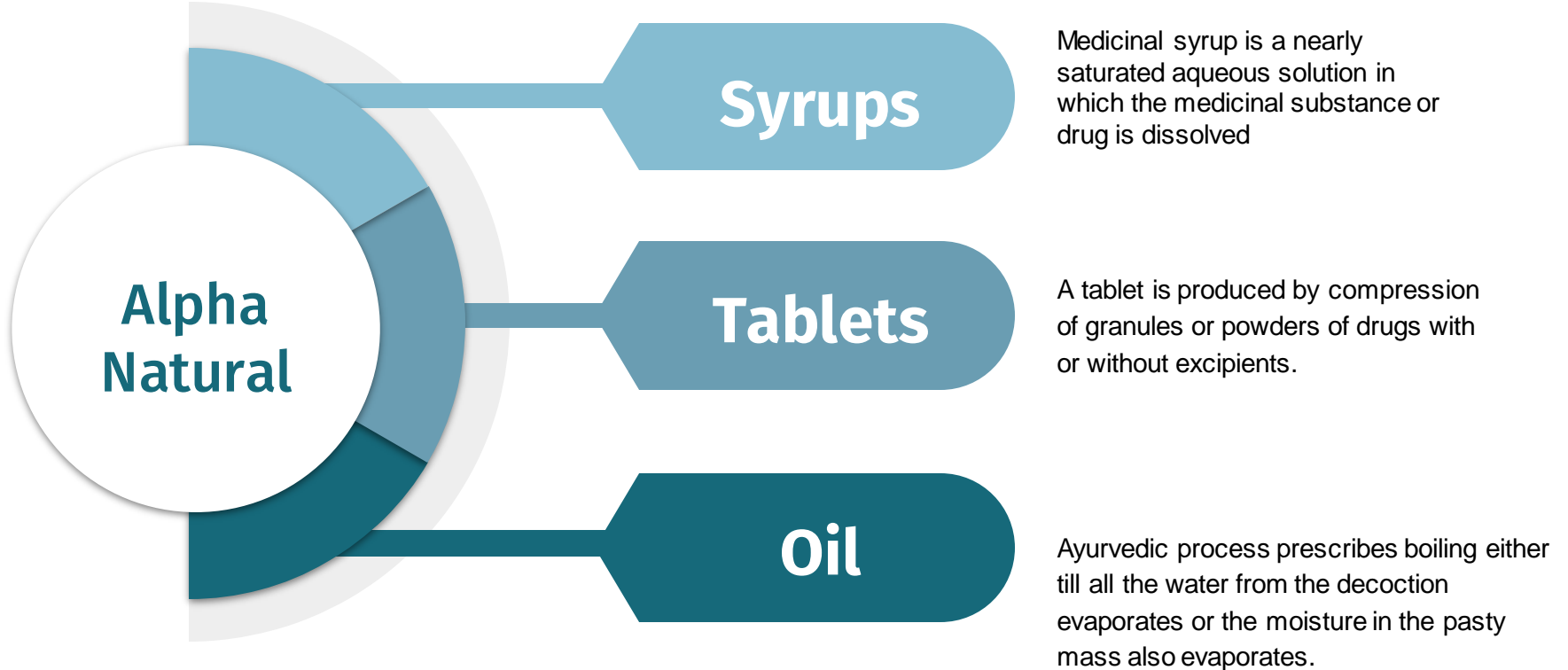
Benefits Of Supply Chain



About Alpha Natural



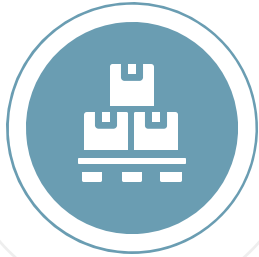
Company Background



Challenges in Supply Chain Management

Demanding Consumer base

Consumer demands are rising more companies enter the market, offering customers more choices.



Inventory Management

MROs may identify a plan of action to effectively balance their inventory holdings.



Moving Parts

Organizations need to rethink their strategy to ensure the right components at the right place at the right time



Strategic Global Partnerships

Build and develop world wide partnerships with forward-thinking

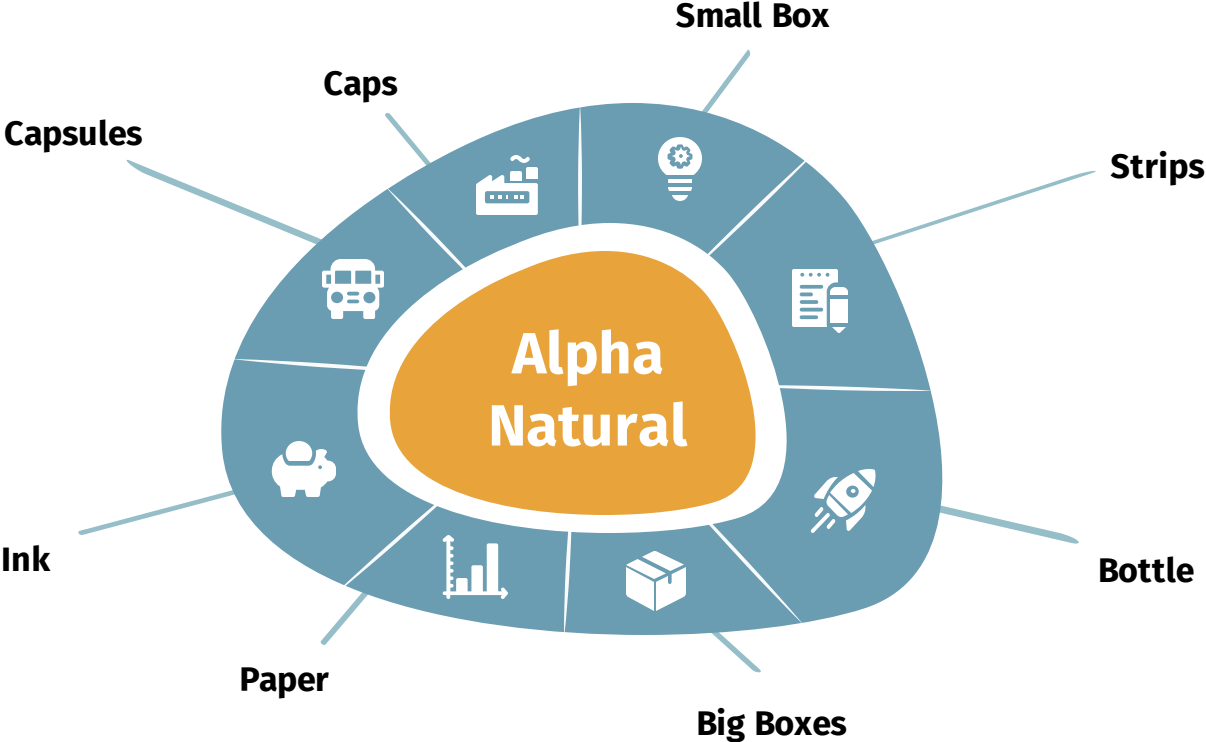


Emerging Markets

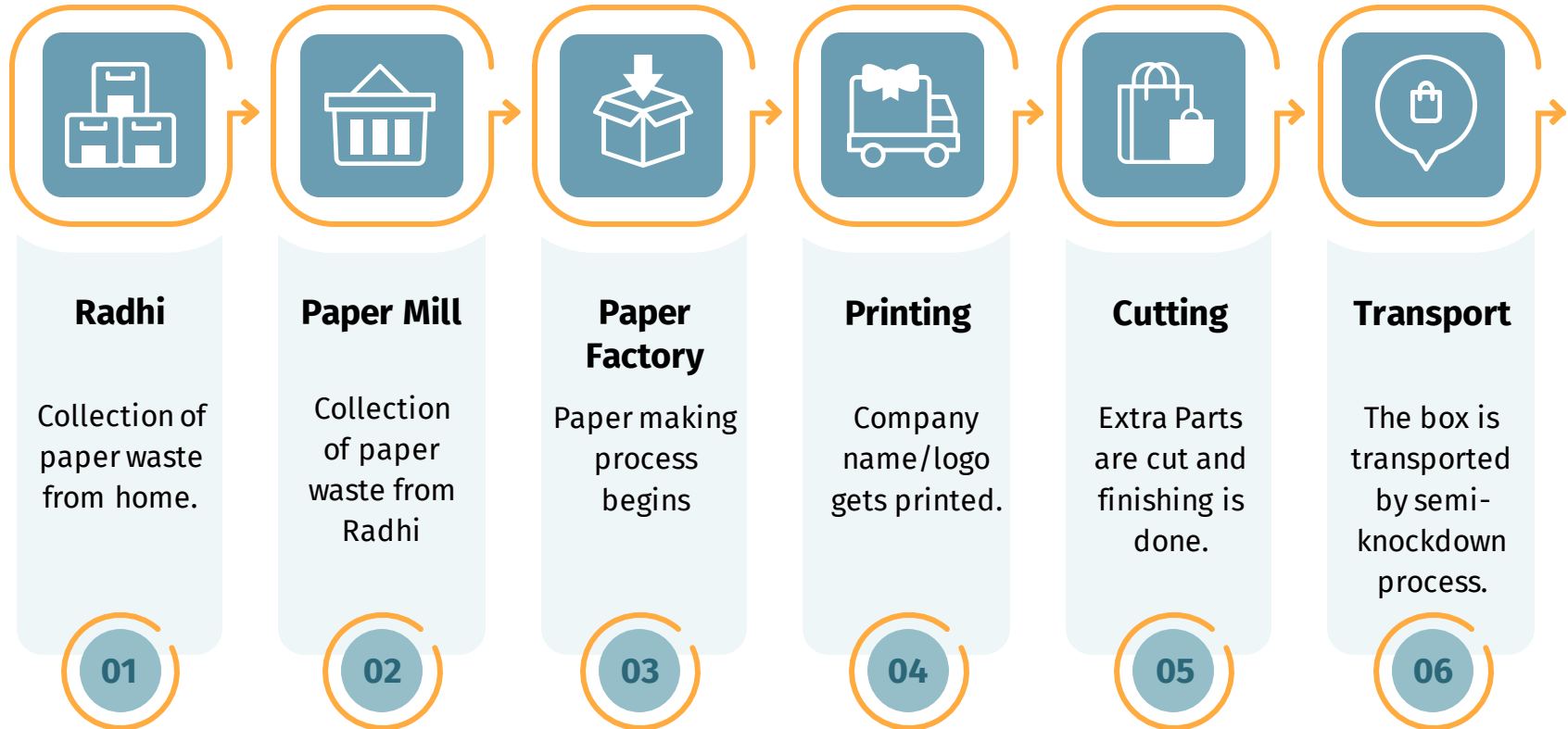
New and growing markets are causing problems



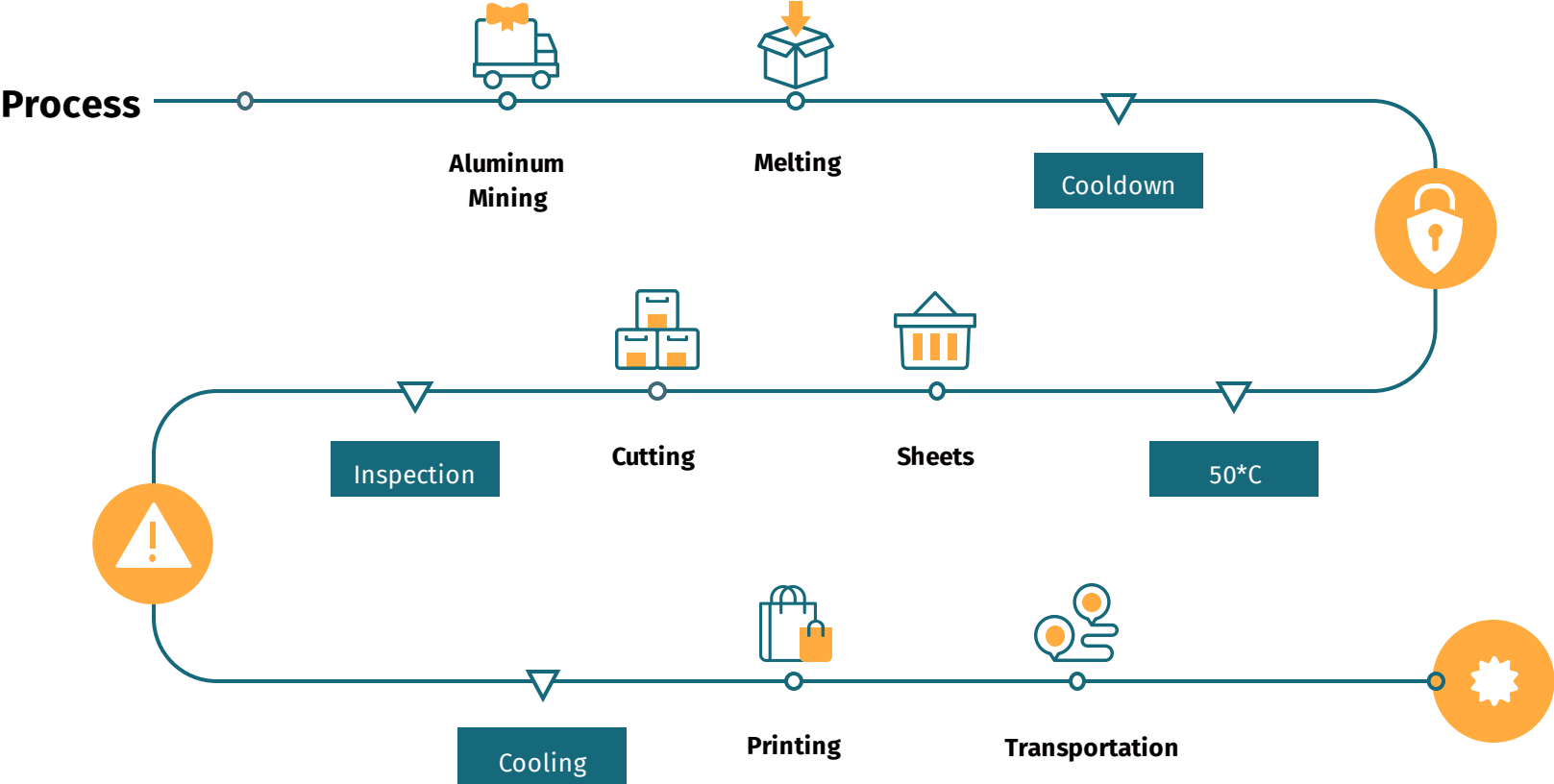
Raw Material



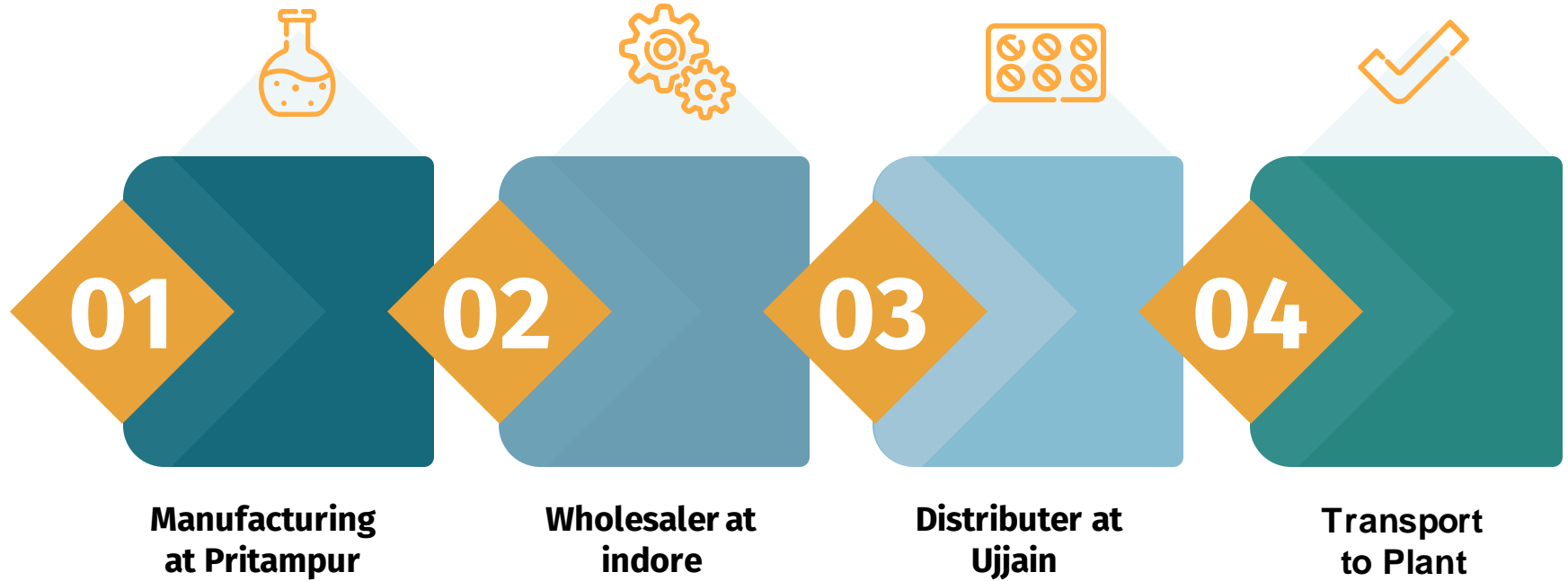
Supply Chain Of Small/Big Boxes



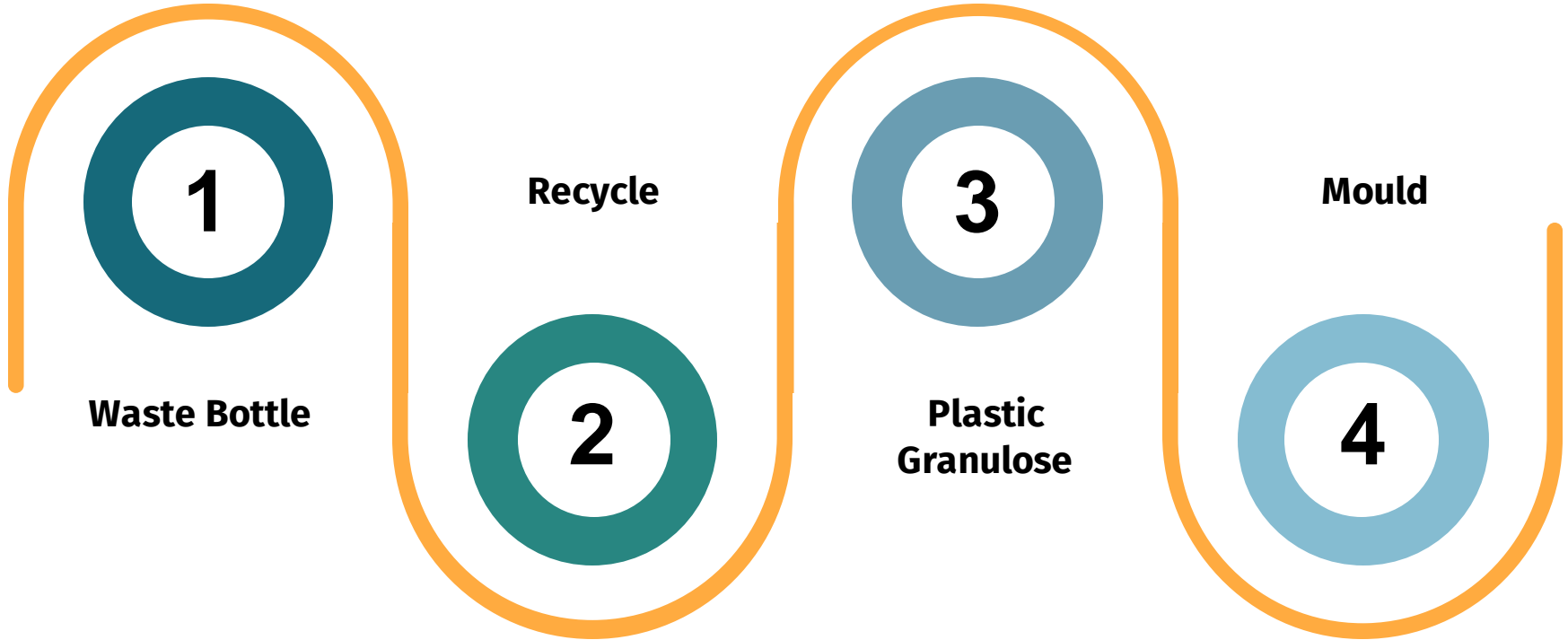
Supply Chain Of Metal Caps



Supply Chain of Capsule



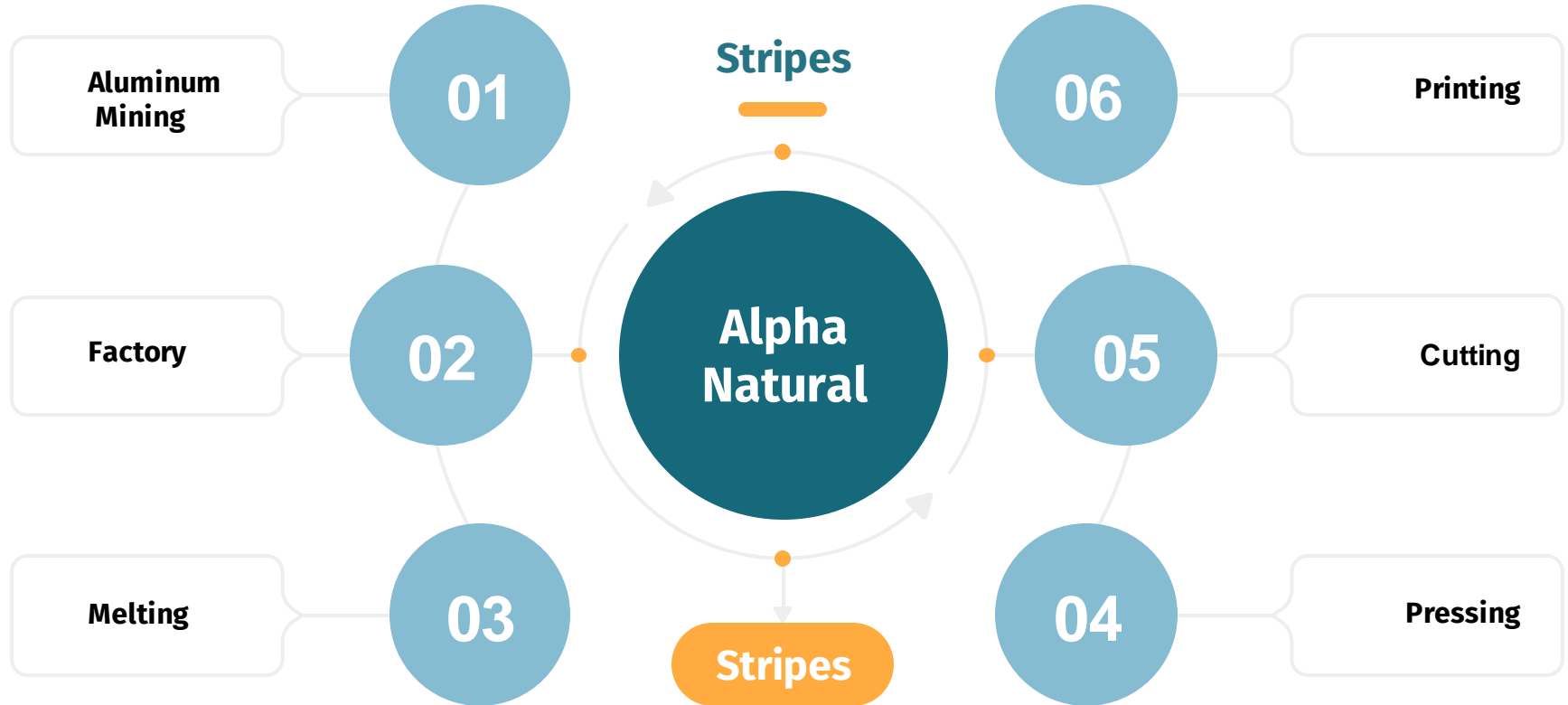
Supply Chain of Bottles



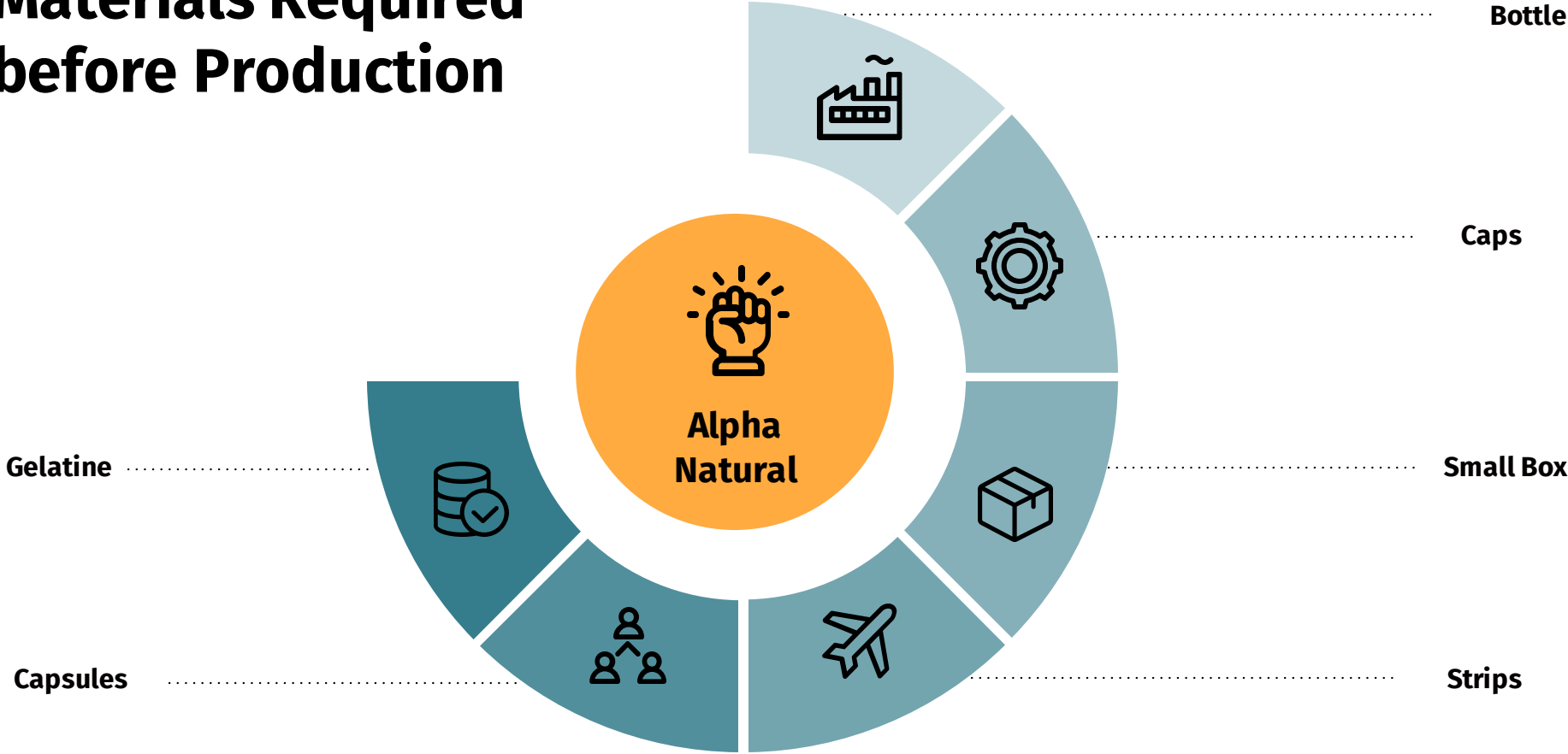
Supply Chain of Bottles



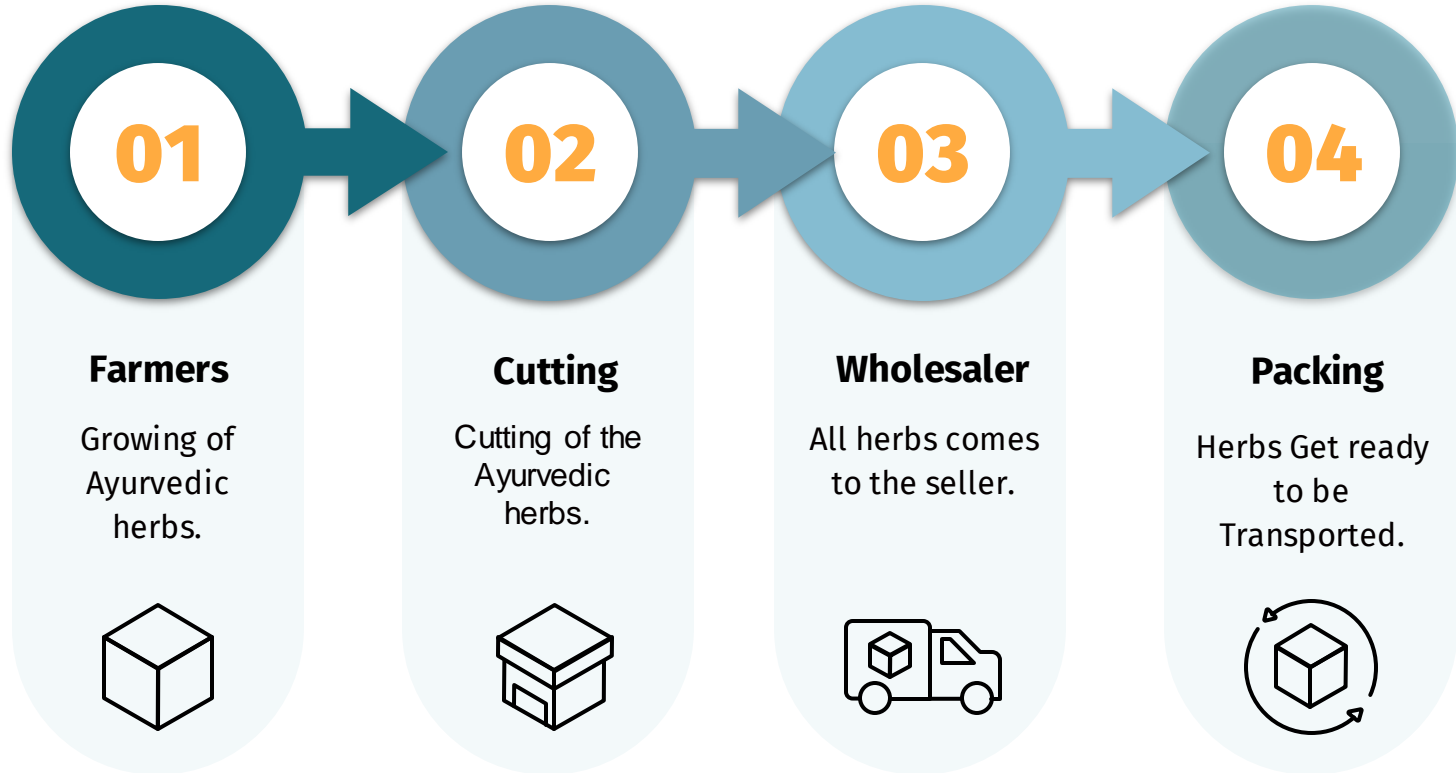
Supply Chain of Stripes

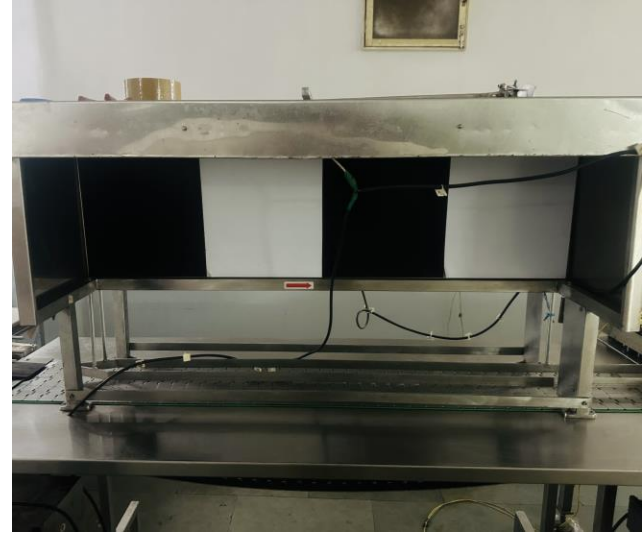


Materials Required before Production

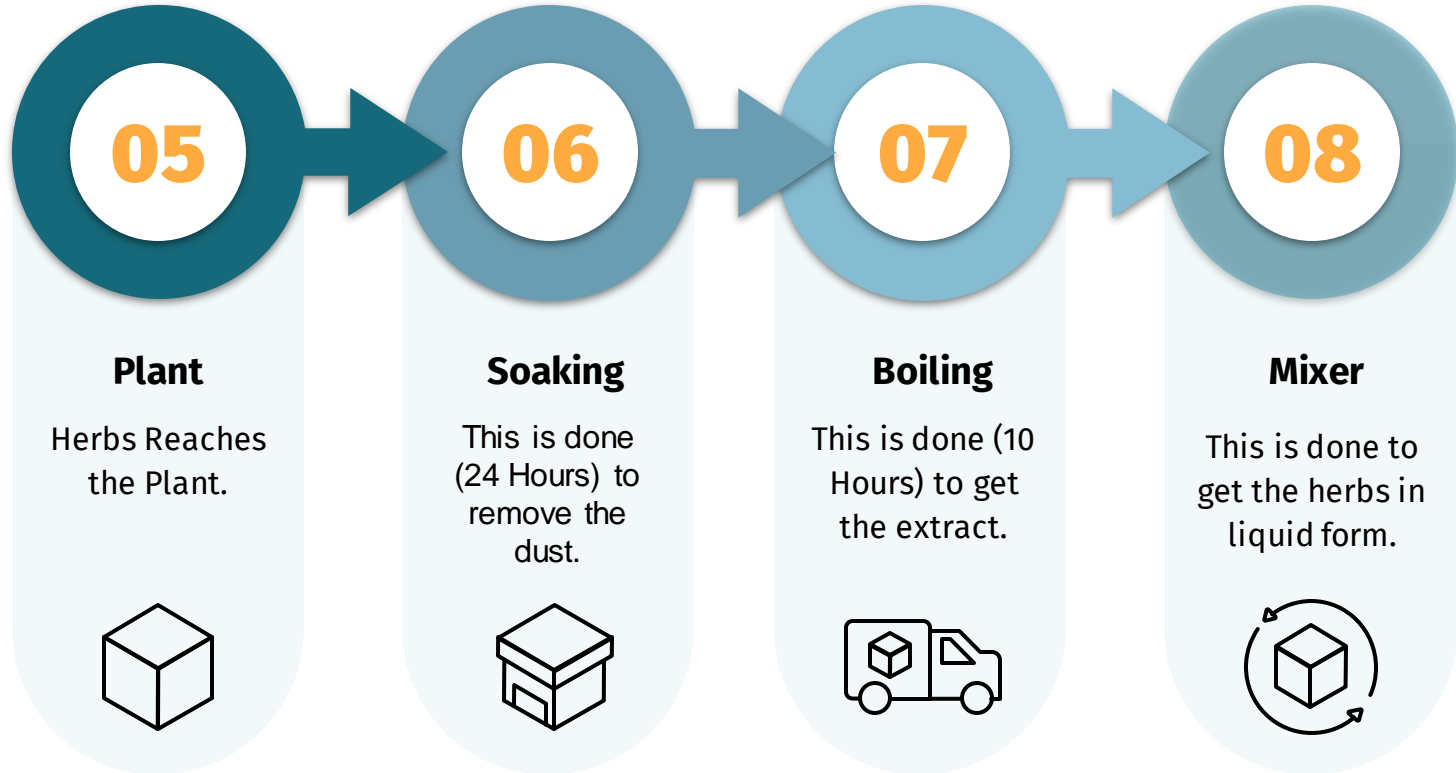


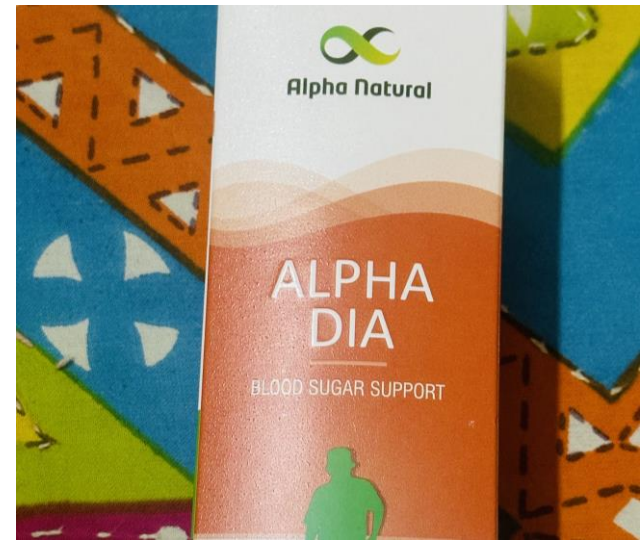
Alpha Natural Supply Chain



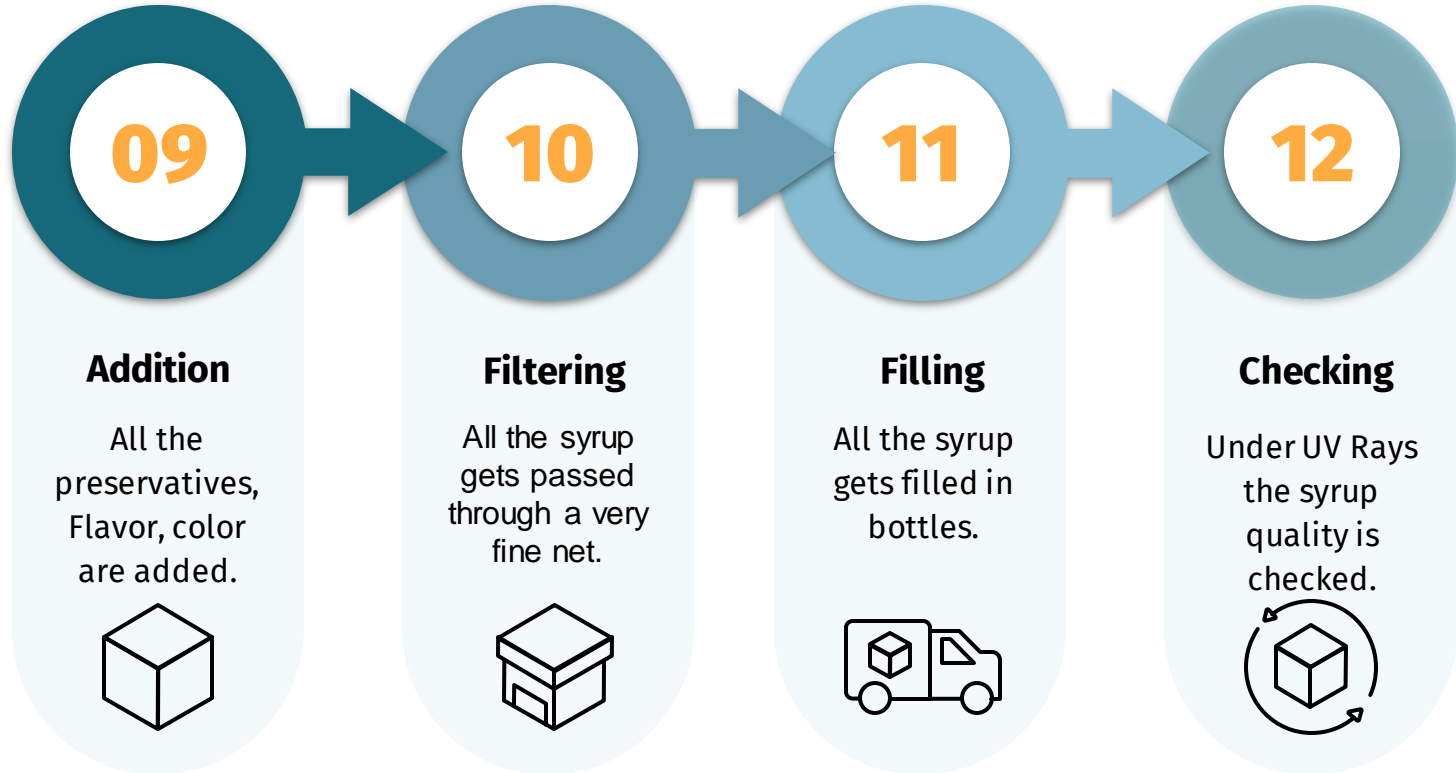



Alpha Natural Supply Chain



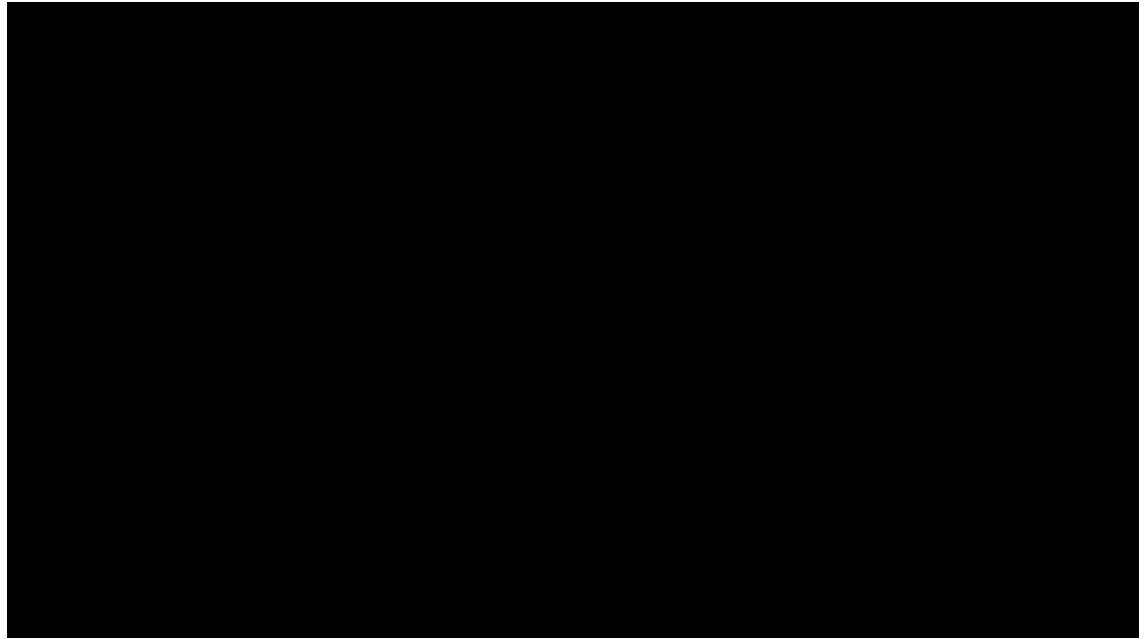


Alpha Natural Supply Chain

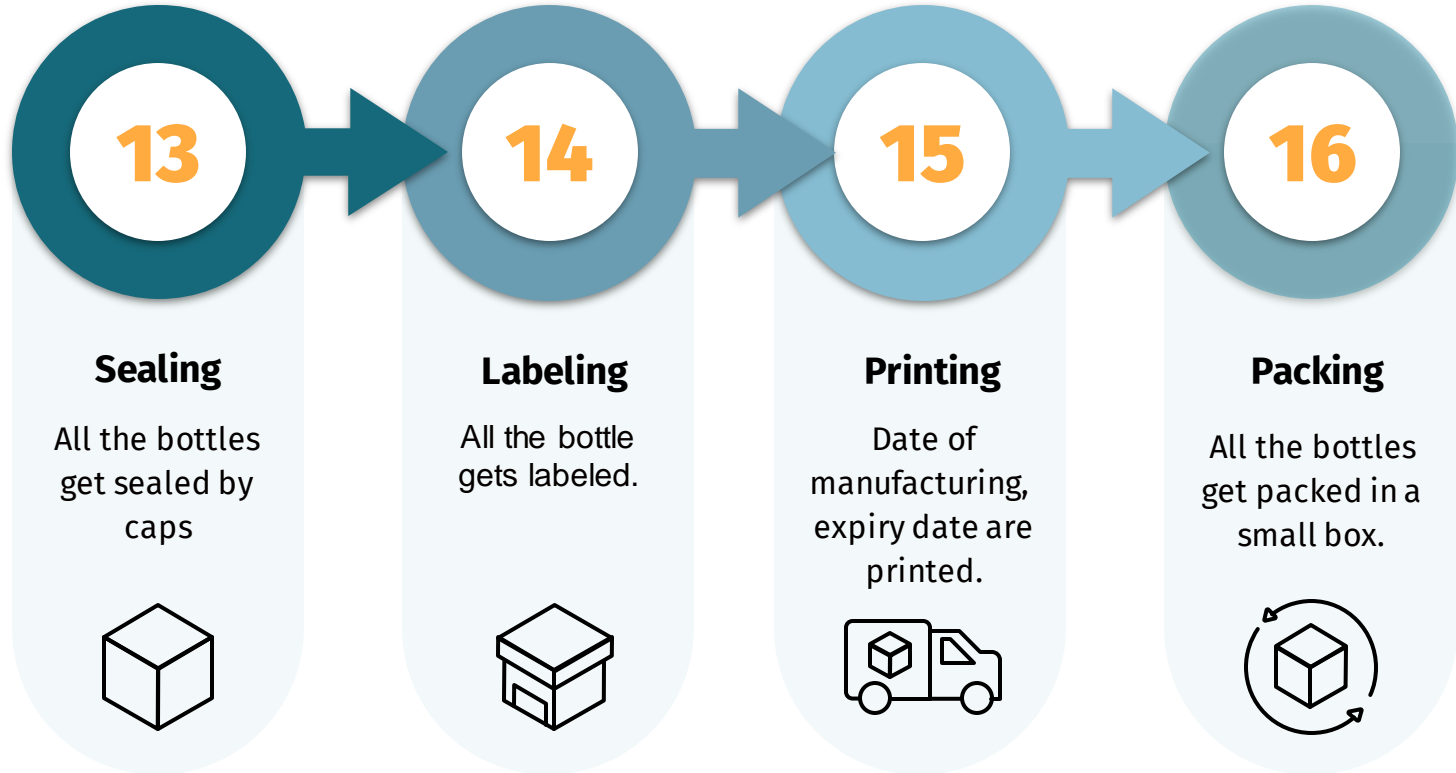




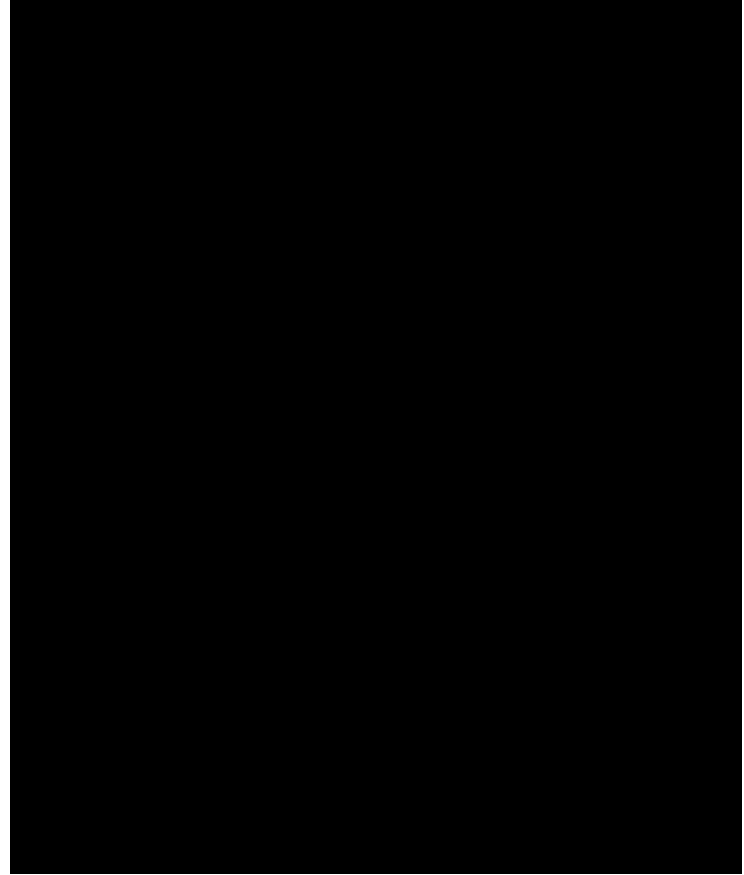
Manufacturing
Process



Alpha Natural Supply Chain



Manufacturing Process



Outward Supply Chain

17
Transportation



18
Wholesalers



19
Distributors



20
Retailers



21
Customers

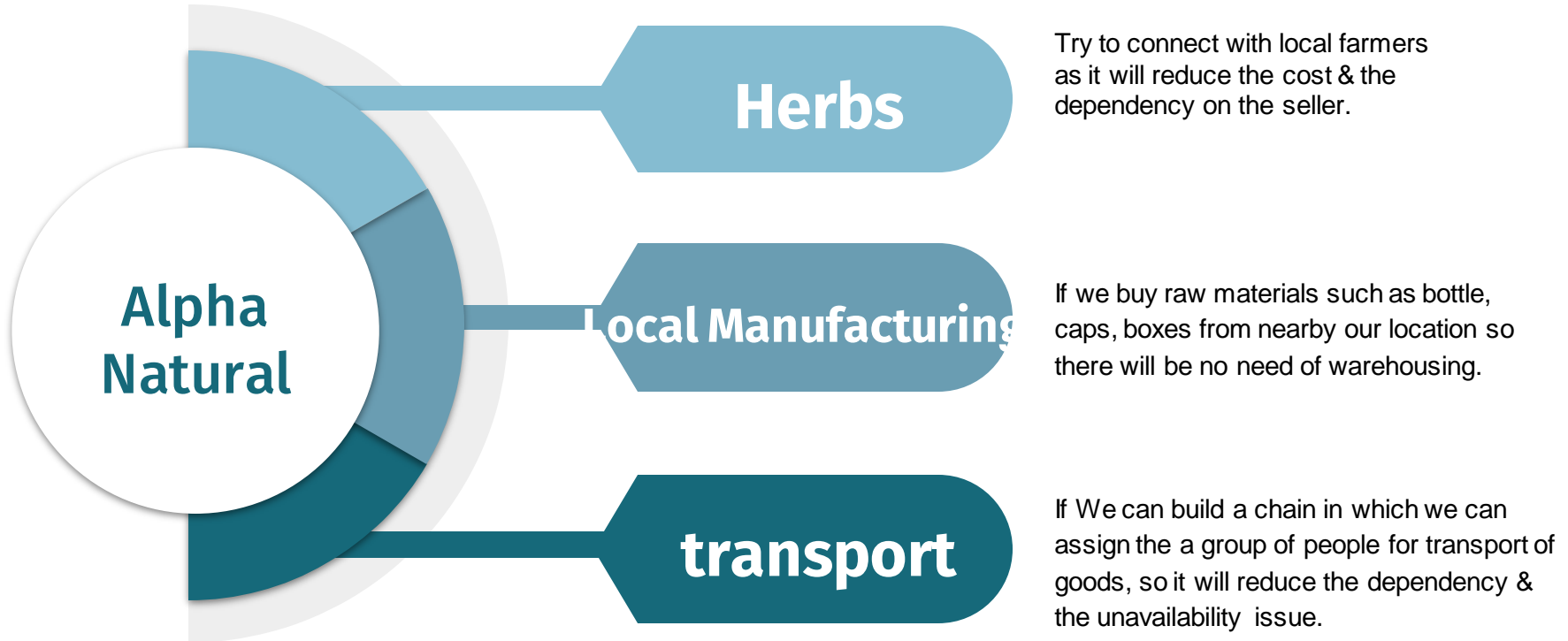


Ideal Supply Chain Should Be

- ❖ **Cost Effective**
- ❖ **Costumer satisfaction**
- ❖ **Risk Mitigation**
- ❖ **Resource Allocation**
- ❖ **Innovation**
- ❖ **Environmental Impact**
- ❖ **Long-Term Sustainability**
- ❖ **Operational Excellence**



Suggestion for Alpha Natural Supply Chain



A complex network diagram serves as the background. It consists of numerous circular nodes of varying sizes, colored in dark grey, teal, and black. These nodes are interconnected by a dense web of thin, dark grey lines, creating a sense of global connectivity and complexity.

Thank you
