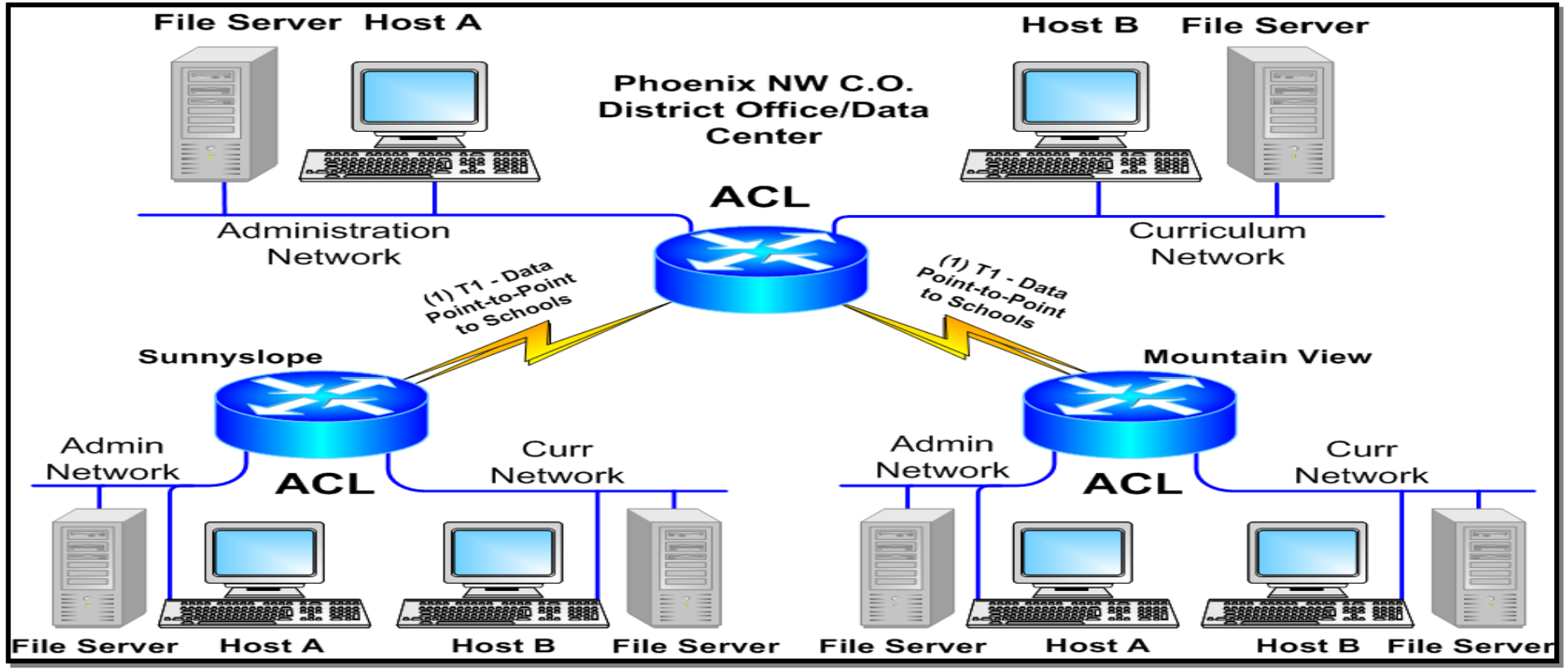
Establishing network servicing

VALUE CHAIN ANALYSIS



SECTOR :Economic infrastructure

Sub Sector: ICT

Establishing networking service Value Chain

solution 1 to 5 group

1. Ayechew Ketema
2. Ousman Goshu
3. Yezab Abetaw
4. Birhan Geta
5. Jemal Mohammed
6. Abera Abebaw

OBJECTIVE

- To solve the problem of associated with the existing traditional way of communicating information through ICT
- To implemented establishing network service with various computer network components like equipments, network toolkits and machineries. To ***enables sharing of files, centralized resource management***, ***high security***, ***sharing of hardware and software***, ***Internet connection sharing***, and ***office communication*** which is highly important to use limited resources efficiently and effectively.
- At the same time, the implementation of this service in different offices and business organizations allow the users to ***minimize costs of materials and resources***.

የዕድገትና ትራንስፎርሜሽን ዕቅድ ዘርፎች

1. ግብርና
- እንስሳት ሃብት ልማት
- ተፈጥሮ ሃብት

2. ኢንዱስትሪ ልማት
- ጨርቃ ጨርቅና አልባሳት
- ቆዳና የቆዳ ውጤቶች
- ስኳርና ተጓዳኝ ምርቶች
- ሲሚንቶ
- ብረታ ብረትና ኢንጂነሪንግ
- ኬሚካል (ፋርማሲቲዩካል፣ ህትመት፣.....)
- አግሮ ፕሮሰሲንግ

3. ማዕድን

4. ኢኮኖሚ መሠረተ-ልማት
- መንገድ ግንባታ
- ባቡር ትራንስፖርት
- መንገድ ትራንስፖርት
- ባህር ትራንስፖርት
- አየር ትራንስፖርት
- ኢነርጂ
- ውሃና መስኖ
- ቴሌኮሙኒኬሽንና አይሲቲ
- ከተማ ልማትና ህንፃ ኮ/ን

5. ንግድ

6. ጤና

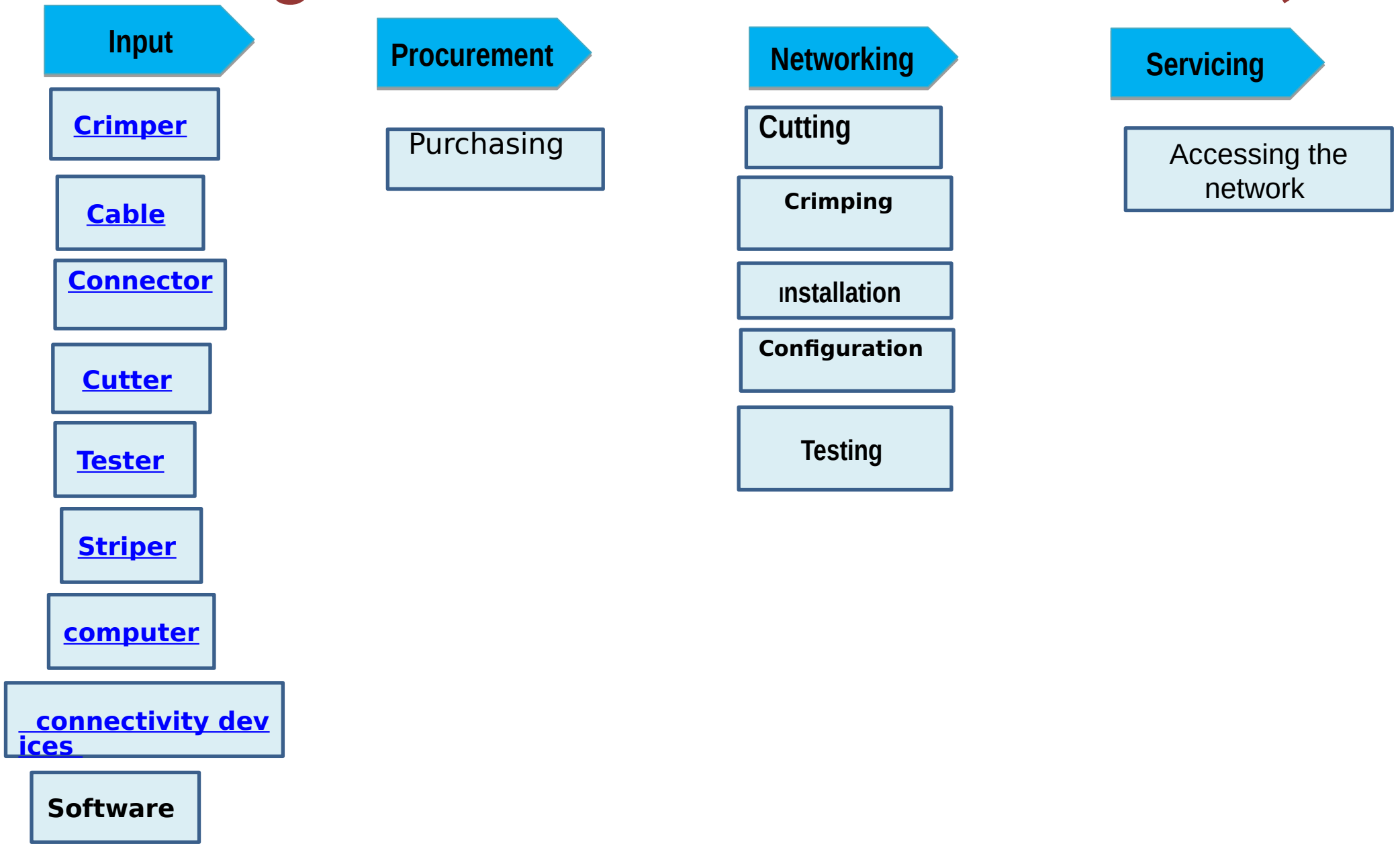
7. ባህል፤ ቱሪዝምና ስፖርት

8. ማህበራዊ

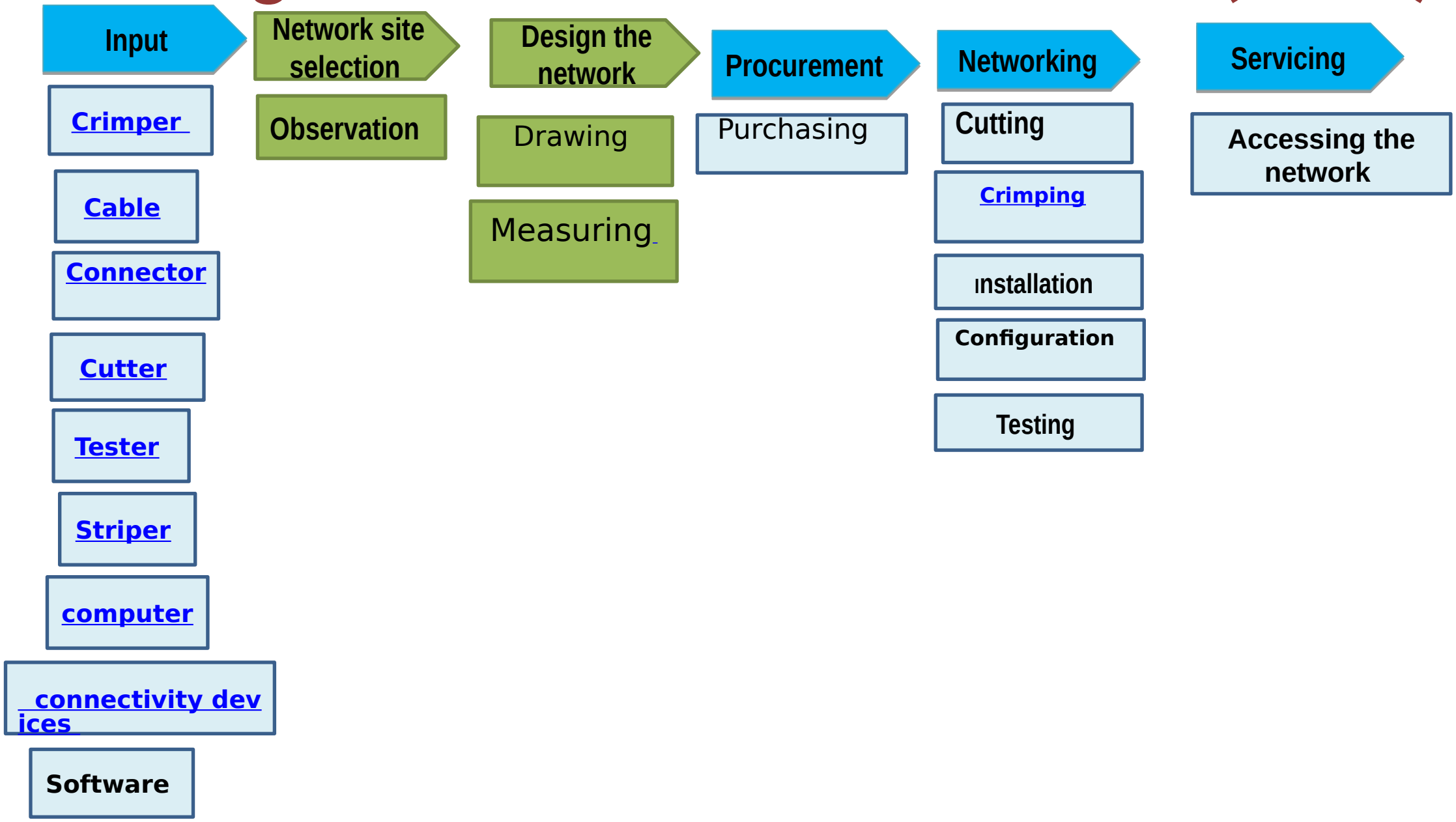
FACT AND FIGURE

Delanta	Standard	w/ro siheen polytechnic college (Dessie)
Randomly install the network	The layout of the network design	Standardize (before designing the network to implement/install this service)
Low performance	Networking device performance	High performance
No	**Trunk**	Use
Peer-to-peer network	Network configuration type	Server-based network
No	Patch cord cable	use

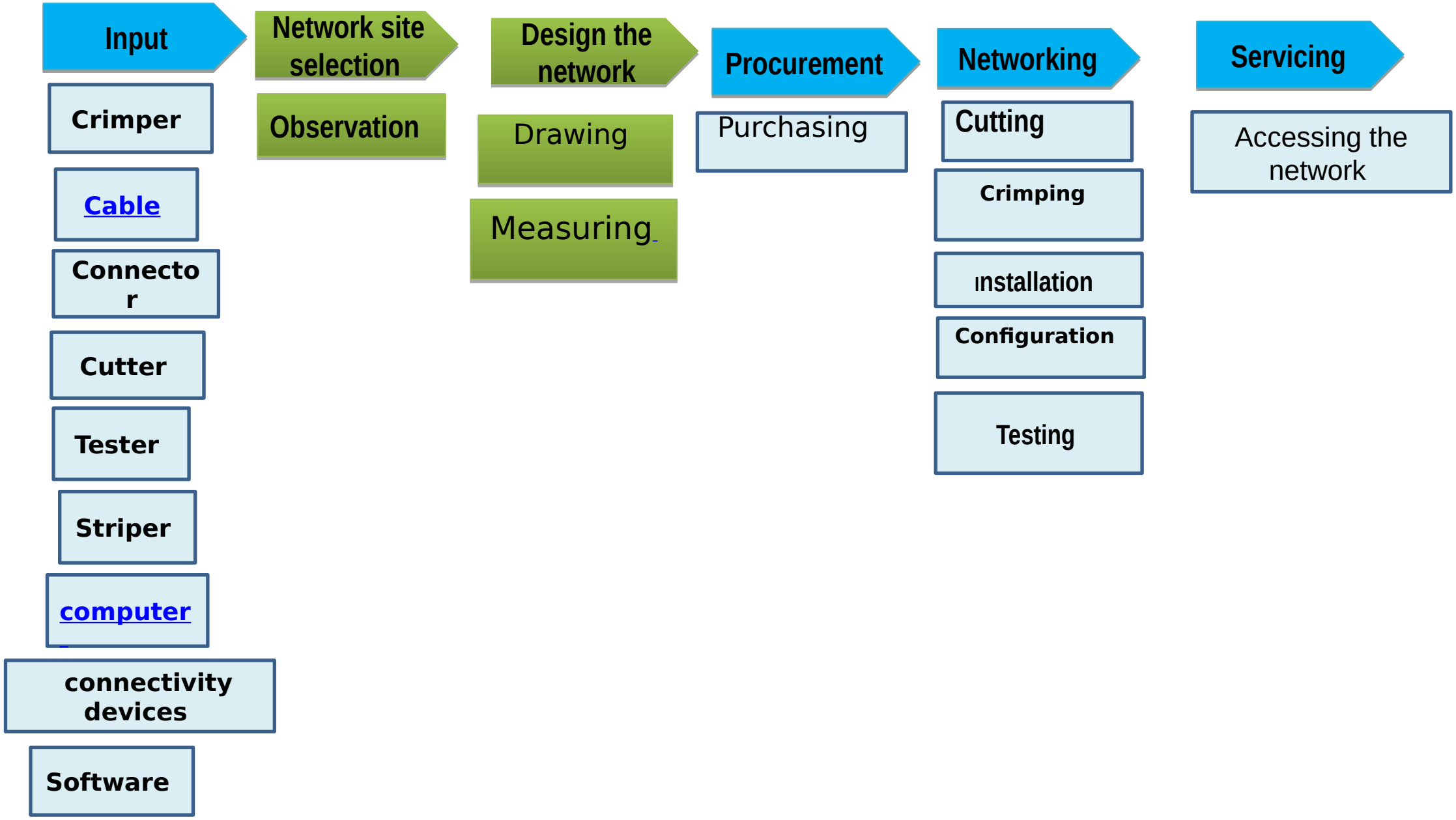
Establishing network service Value Chain (As is)



Establishing network service Value Chain (To be)



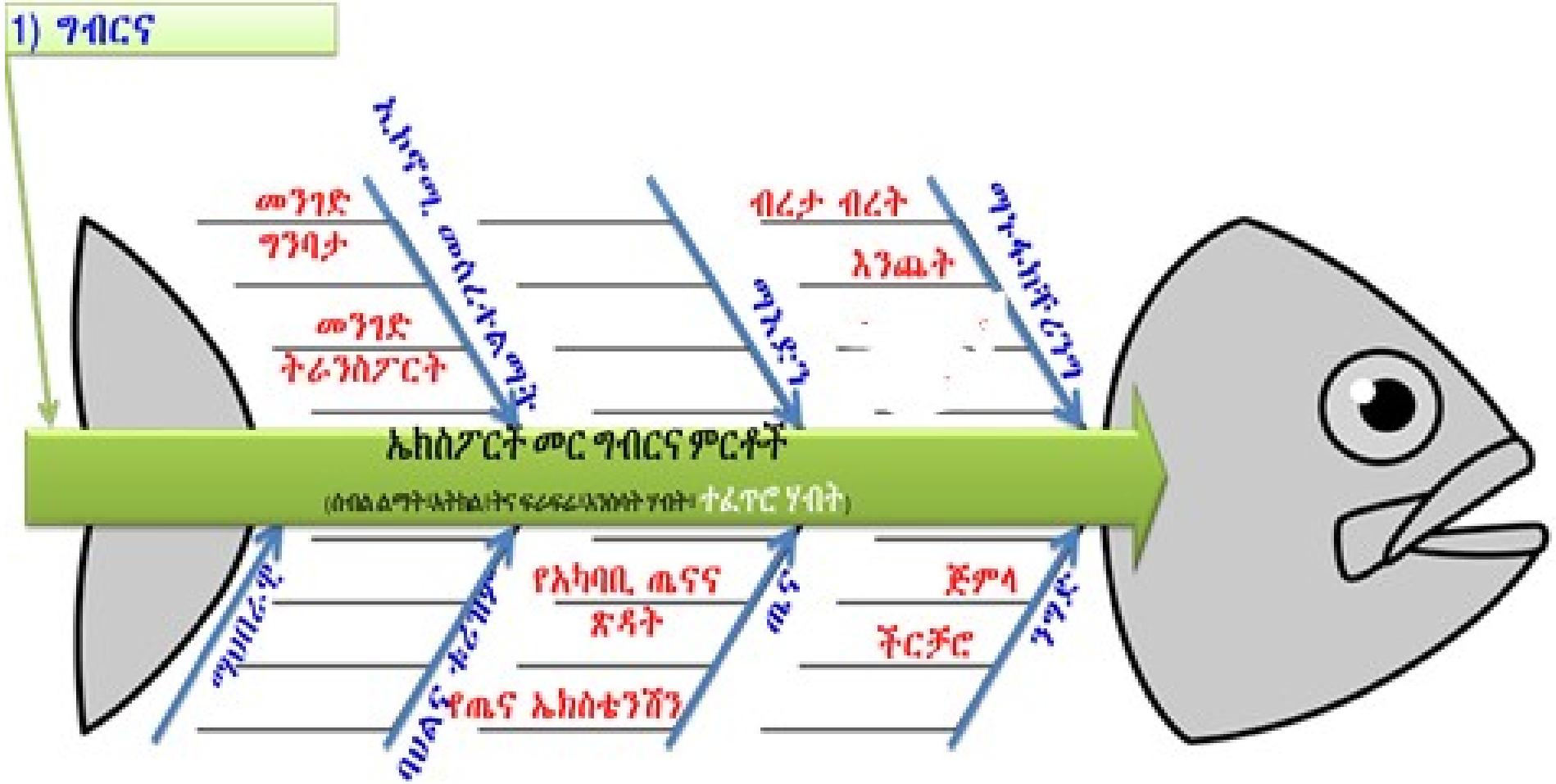
Establishing network service Value Chain(Gaps/Constraints)



Identifid technologies

TECHNOWARE	HUMANWARE	INFOWARE	ORGAWARE
▪Computer ▪Crimper ▪Tester ▪Cable ▪Connector ▪Striper ▪Connectivity devices ▪Software	▪Skilled man-power (both network installation and configuration)	▪Network installation and configuration guide (manual)	▪Network installation and configuration layout (both physical and logical)

8. የእሴት ሰንሰለት ተመጋጋቢነት ከትኩረት ዘርፎች አኳያ



Results that come from benchmarks

No	activity	Outcomes
1	**Proper design**	**minimize cost and increased customer satisfaction**
2	**Time usage**	▪ **Use time properly** ▪ **save money**

Evaluation of the value chain analysis

- Improper measuring and designing the network.
- Have lack of technical skills accessing the network.
- Limitted uses from networked system.
- haven’t helpdesk and IT support technicians
- **Constraints contributing to this fact are**:
- Installation and configuration problem
- Inadequate networking service
- Poor skilled man-power in a network serving

Planning

- ***there is a wide range of need of the computer network in several economic sectors*** of the country
- Conduct / facilitate a user training or short term training
- Use scientific measurement and proper designing both physical and logical topology
- Install the component properly
- Use or purchase a standard network equipments

Thank U!!