



Asad-Uz-Zaman
Lead, Future of Work Lab
Aspire to Innovate (a2i) Programme



“Skilled manpower is the main tool to carry out the development activities.”

- HPM Sheikh Hasina

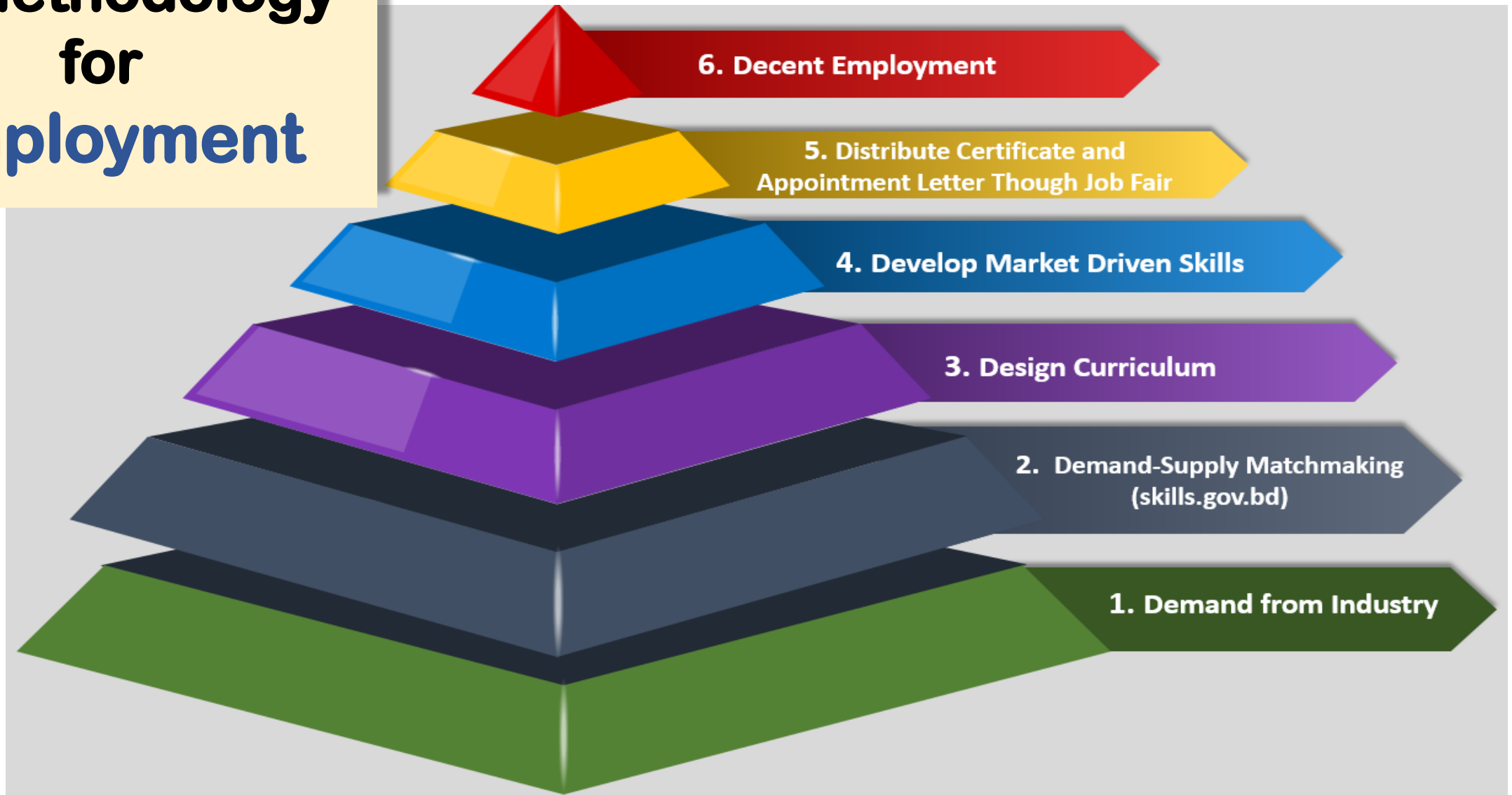


Bangladesh Youth Context...

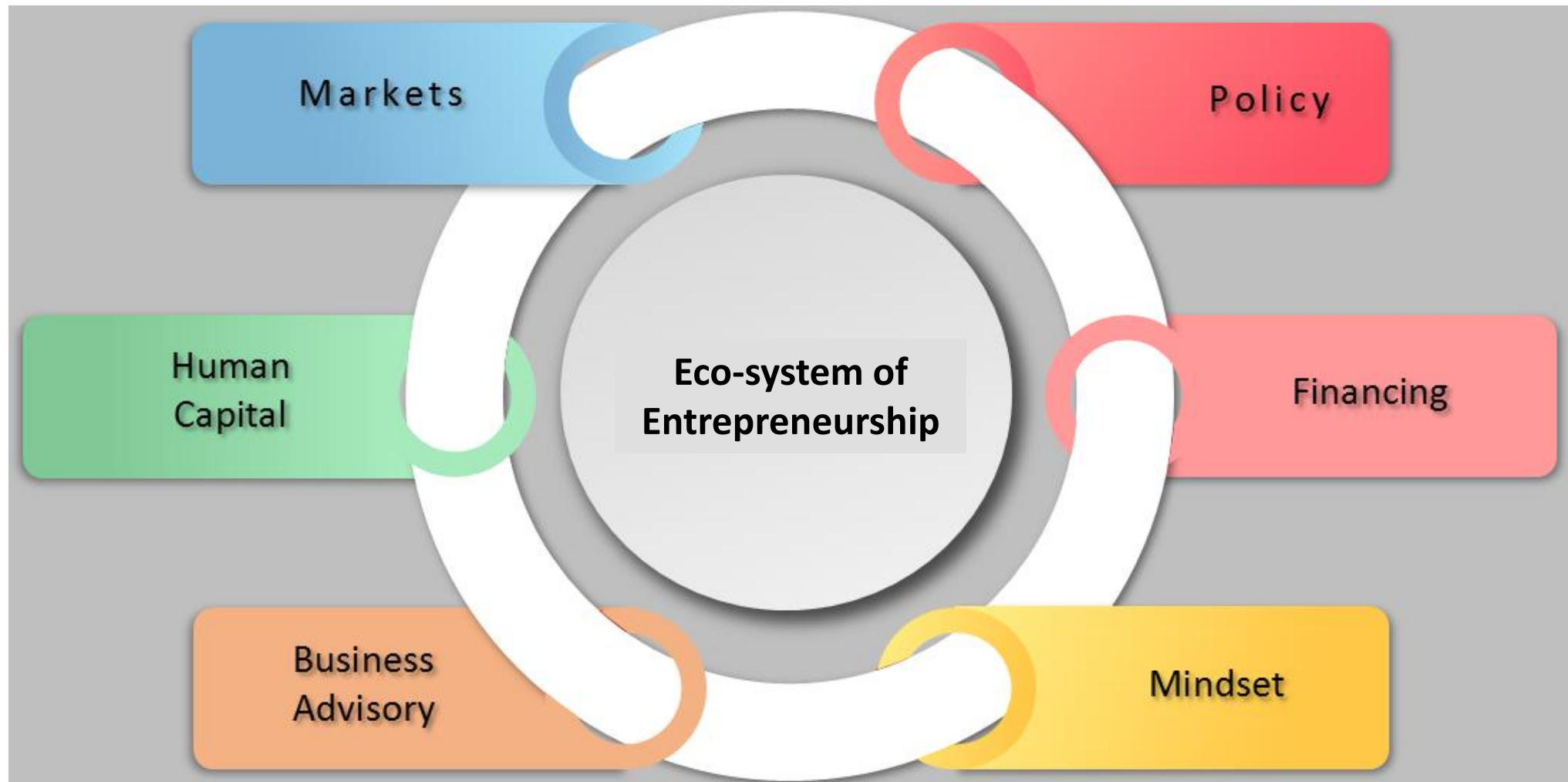
- Labour force: **82M**, growth 2.2% (2 M)
- Total Youth Population (age 15-29): **42M** (34% of total) BBS
- Youth Unemployment: 12% (5.2M)
- Youth in NEET (age 15-24; 29M): **40%** (11.6M) [Not in Employment, Education and Training]
- Total LF Underemployment: 19% (15M)

	2019	2030
Population	166M	210M
Urban	36%	45%
Status	Lower Middle-income	High Middle-income
Economy size	42 th largest	26 th largest
Strategy	Survival, equity	Growth, equity
Child	Entering	Graduating

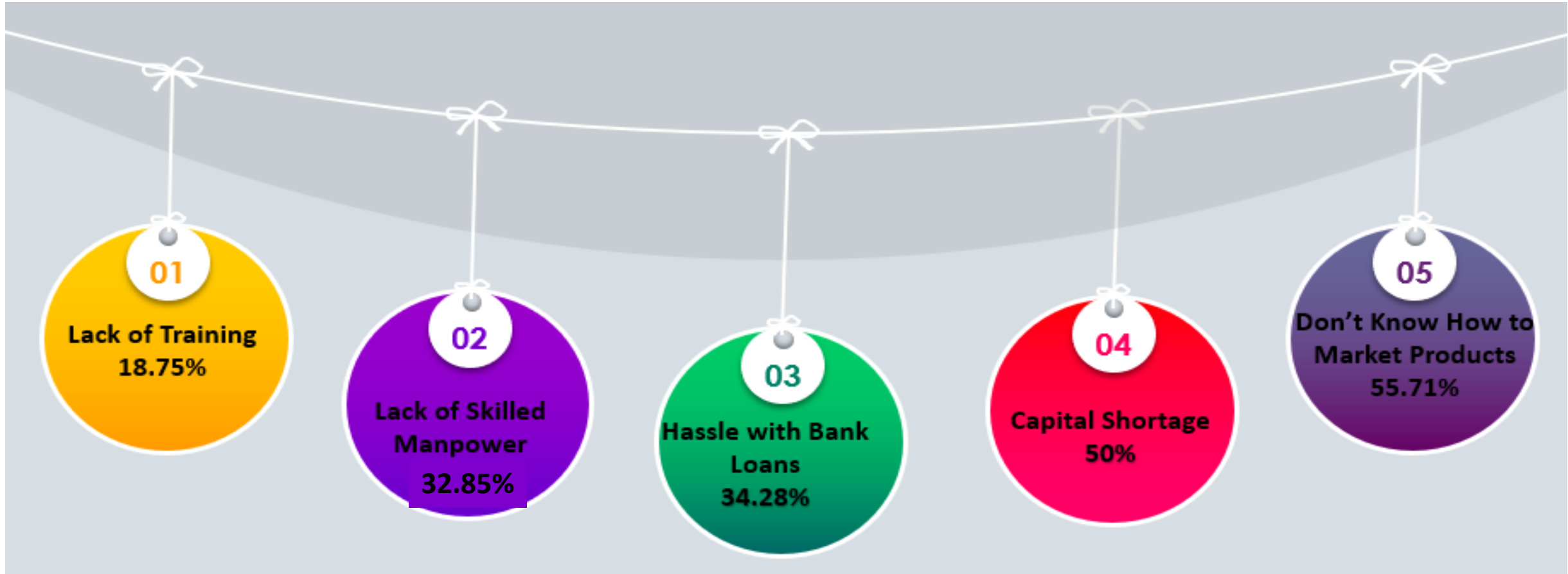
6D Methodology for Employment



FoW Lab's Methodology for Entrepreneurship



Challenges in Cottage, Micro, Small & Medium Enterprises (CMSMEs)



<https://www.thedailystar.net/business/news/problems-smes-face-bangladesh-1768354>

Apprenticeship in CMSMEs



Piloted in **30 Upazillas**
1200 unemployed youth as
apprentices in **600**
CMSMEs
Led by UNO/DC

2016

2017 & 2018

10,580+ unemployed youth as
apprentices in **5000+** CMSMEs in
127 Upazillas

Scale up by Department of Social
Service (DSS) with the advisory
support of a2i

15,000+ unemployed youth as
apprentices in **7,000+** CMSMEs in **200+**
Upazillas

Scale up by Department of Social
Service (DSS) with the advisory support
of a2i

2019

2021

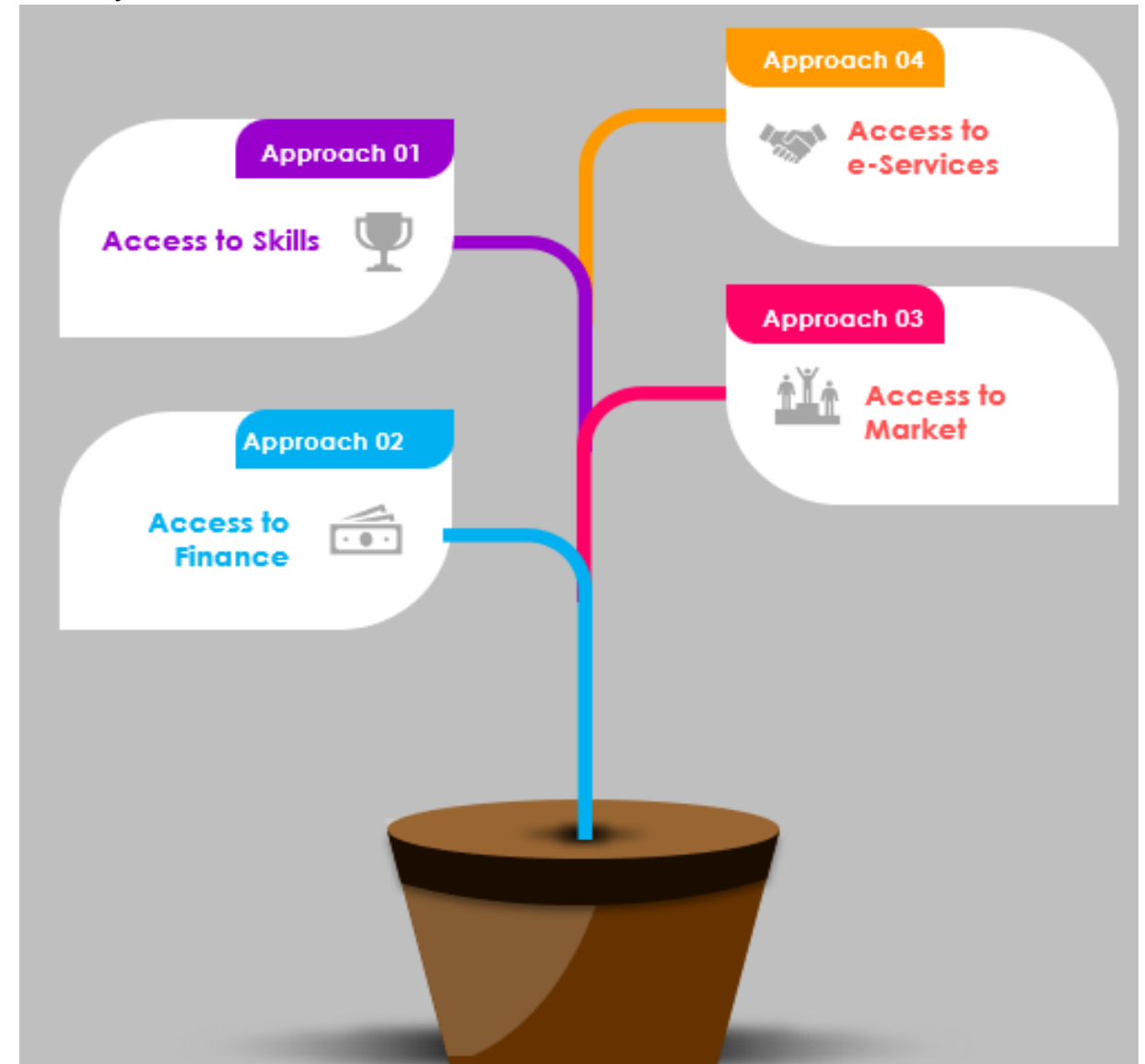
Piloting during COVID-19 to
revive the sector- **1600**
unemployed youth in **800**
CMSMEs in **40 Upazillas**

Supported by UNICEF and
Generation Unlimited

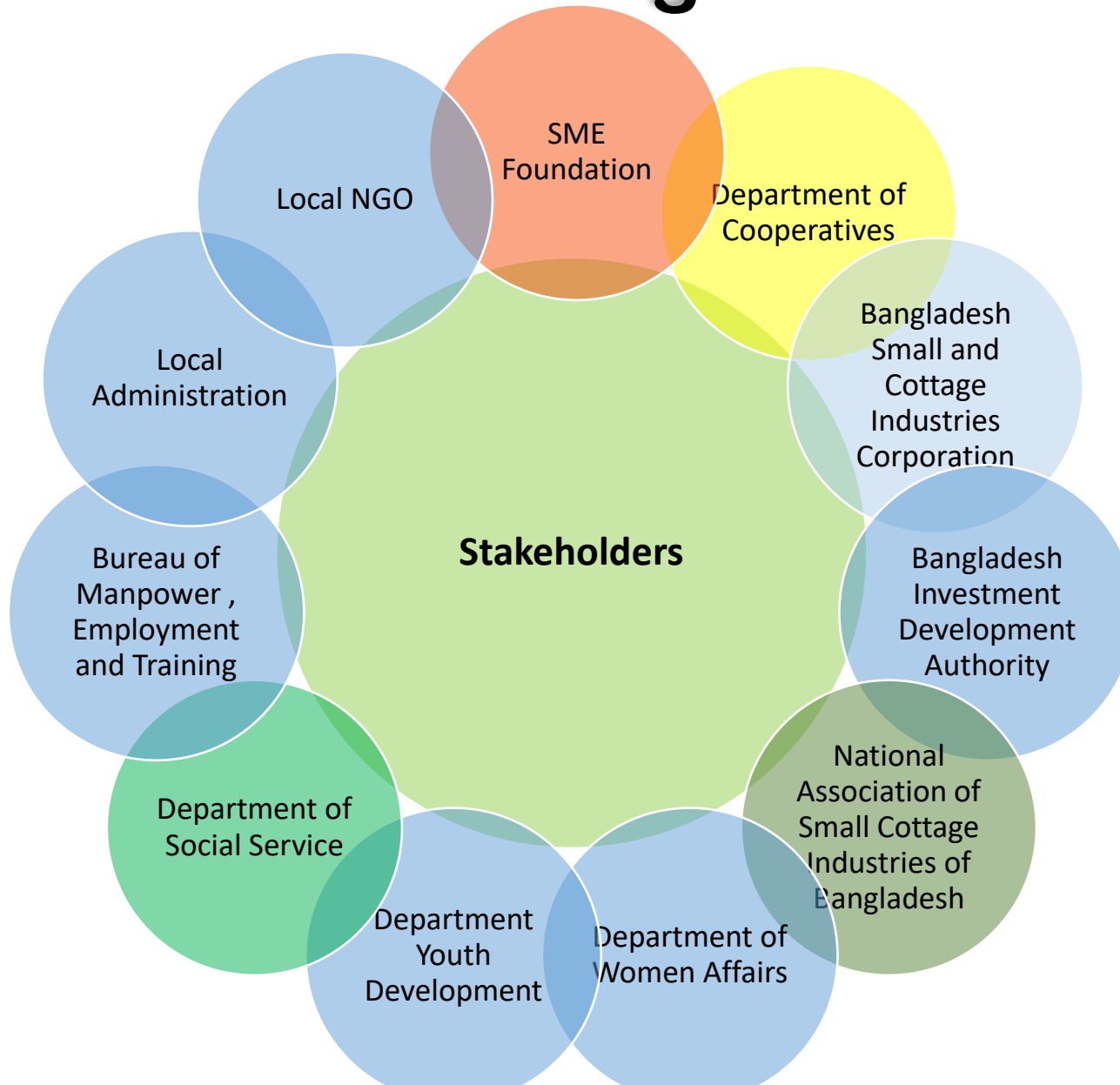
National Policy Dialogue on CMSMEs in COVID 19: Response, Recover, Resilience



National Policy Dialogue on SMEs in COVID 19:
Response, Recover, Resilience
Date: 17 August, 2020



Digital Skills for CMSMEs



1. Digital Marketing
2. e-Commerce / f-Commerce
3. Graphic Designing
4. Web Designing
5. Freelancing and Outsourcing
6. Entrepreneurship Development and Business Management

Unemployment Free District



Monitoring by Cabinet & Divisional Commissioner



Ownership of Deputy Commissioner

- to generate & ensure district-wise employment for the youth engaging industries & training providers and entrepreneurship development through ‘District Branding’
- To ensure regular monitoring by the local administration resulting into the reduction of unemployment rate of the district.

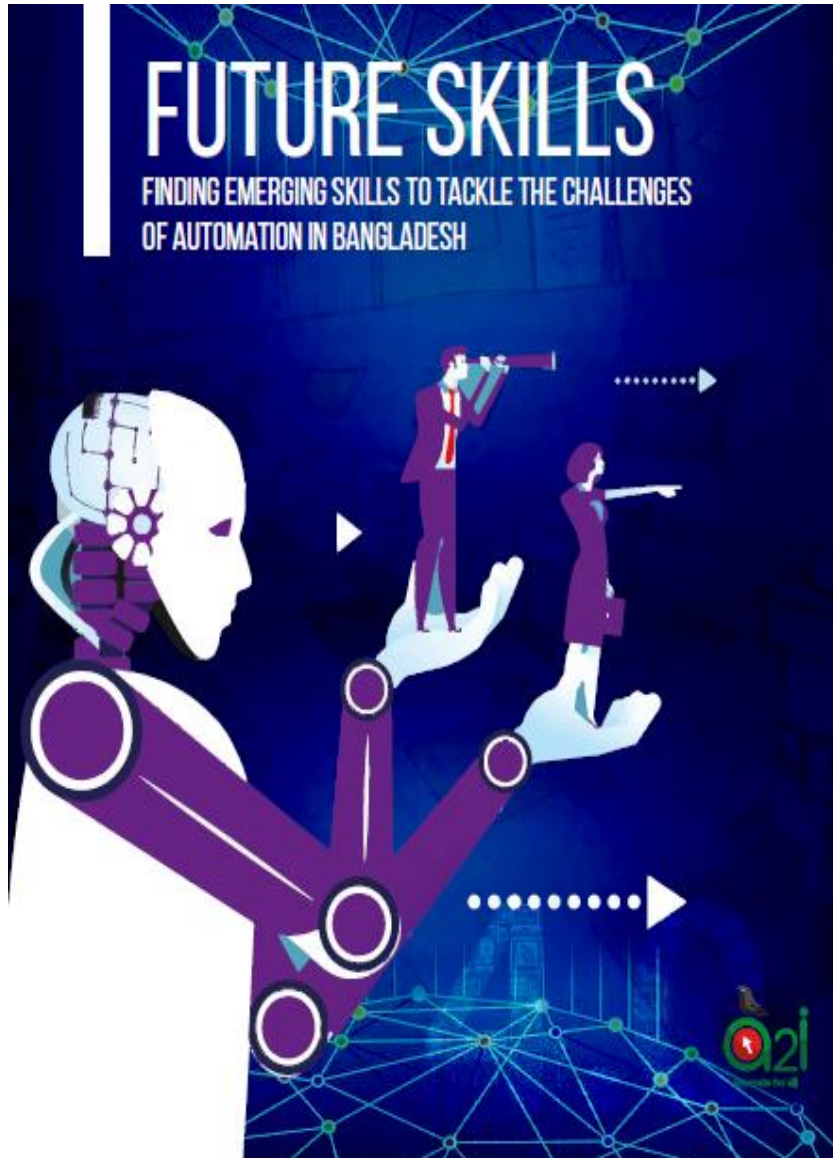
Skills, Employment & Entrepreneurship through District Branding



Monitoring
Tool

National Intelligence for
Skills, Education, Employment
& Entrepreneurship (NISE³)

A Study by a2i on 4th Industrial Revolution

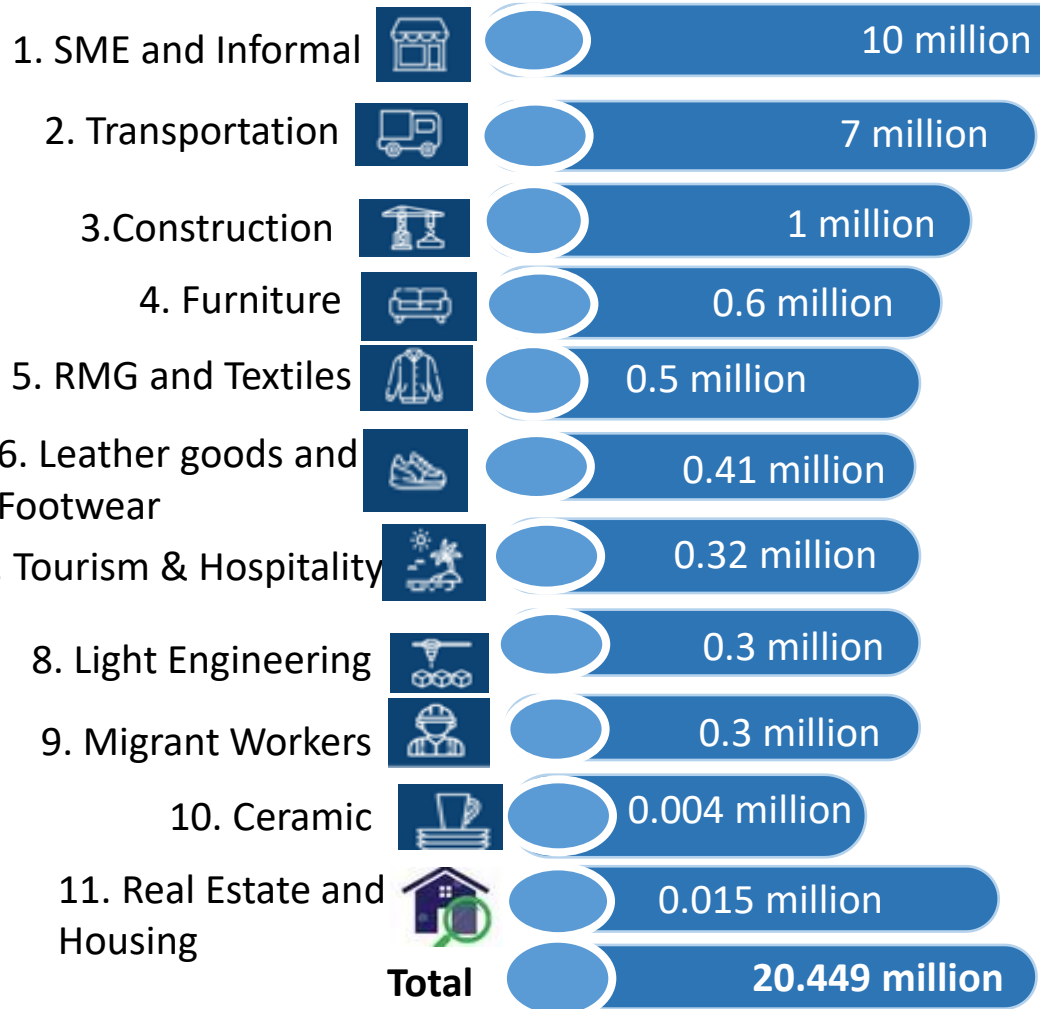


Industry	Jobs at risk By 2040	Emerging Jobs
RMG & Textiles	60% (27 lakh)	<ul style="list-style-type: none"> ✓ 3D printer operator ✓ Workers with skills on automation and robotics control ✓ experts on modeling and simulation
Furniture	60% (15 lakh)	<ul style="list-style-type: none"> ✓ Ready-to-Assemble (RTA) designer ✓ Industrial robotics control
Agro-Food	40% (6 lakh)	<ul style="list-style-type: none"> ✓ Food technologists ✓ Machinery Maintenance ✓ Automate packaging operator ✓ Industrial robotics control
Leather	35% (1 lakh)	<ul style="list-style-type: none"> ✓ Footwear design simulation ✓ CAD CAM Training ✓ Pattern Making
Tourism & Hospitality	20% (6 lakh)	<ul style="list-style-type: none"> ✓ Digital marketing ✓ Data analytics ✓ Cyber security
Total	55 lakh	

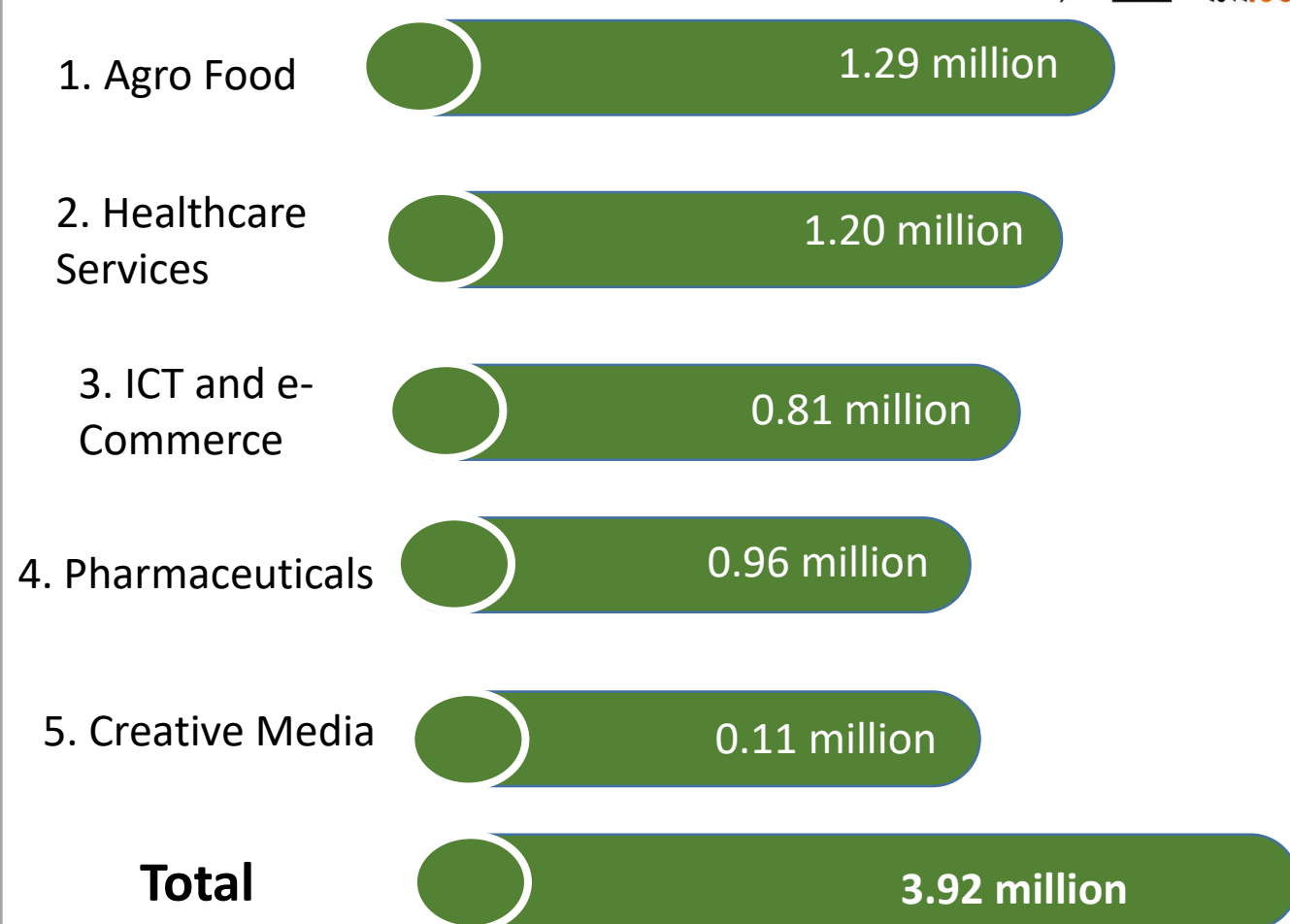
Post COVID Jobs and Skills in Bangladesh – Study on 16 Sectors



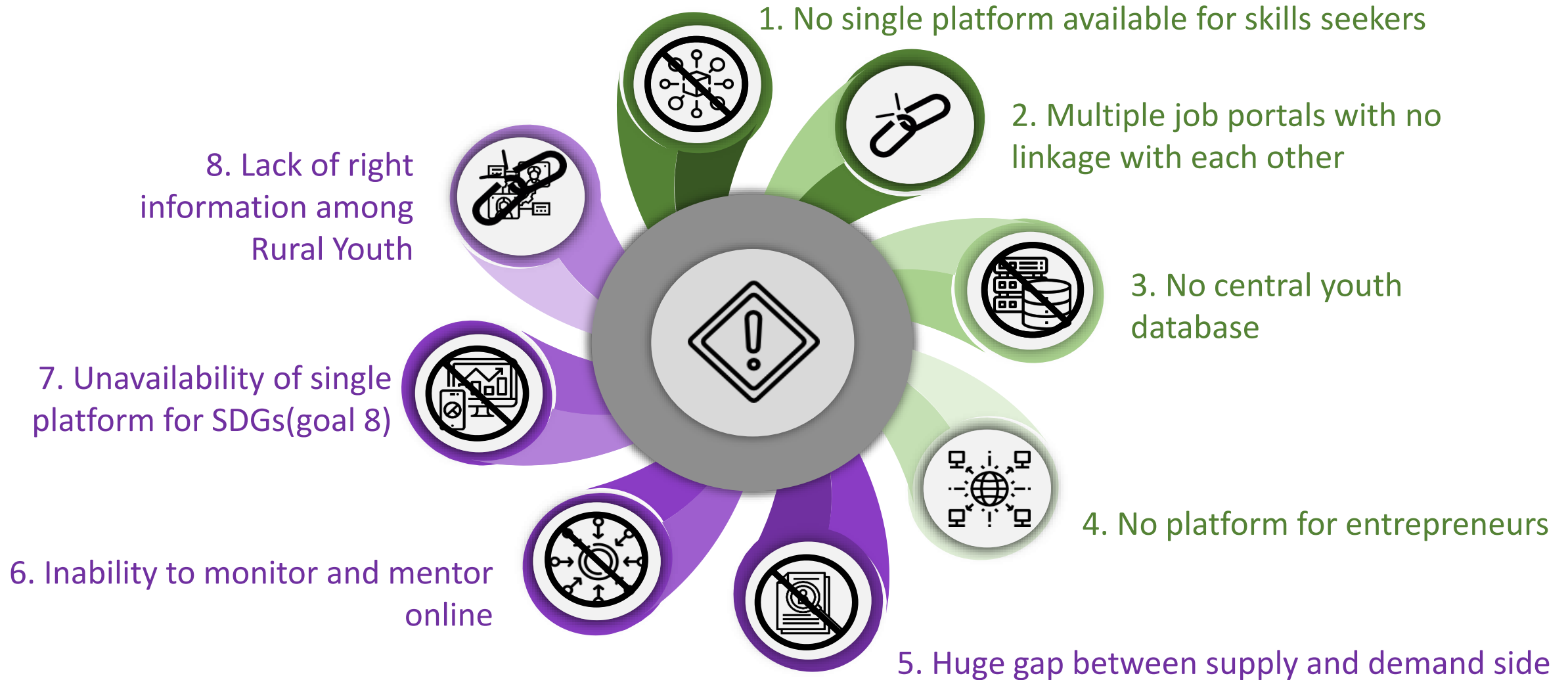
Sector-wise immediate job loss due to COVID 19



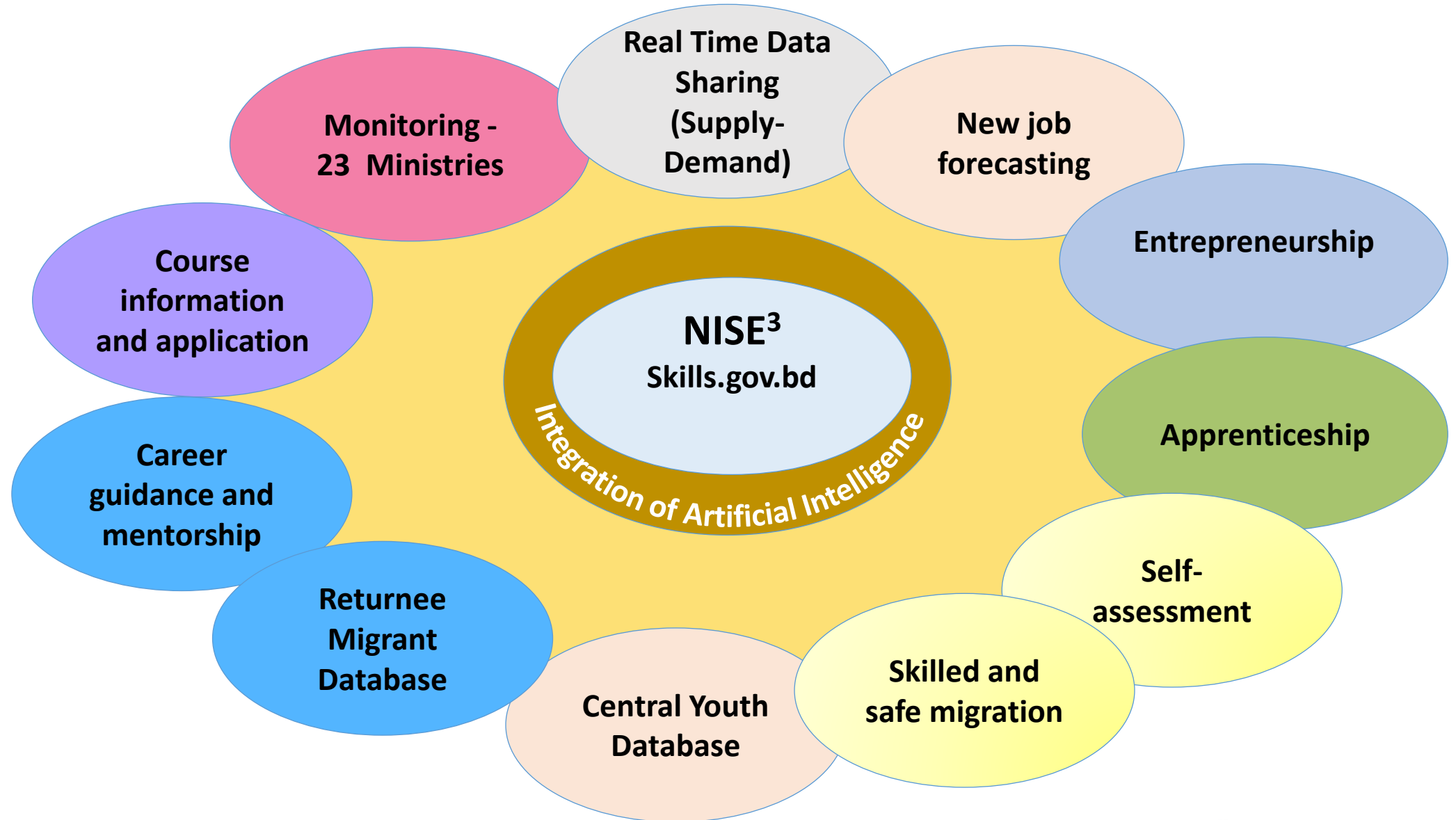
Sector-wise Emerging Jobs by the end of 2021



Context of National Intelligent for Skills, Education, Employment and Entrepreneurship –NISE3



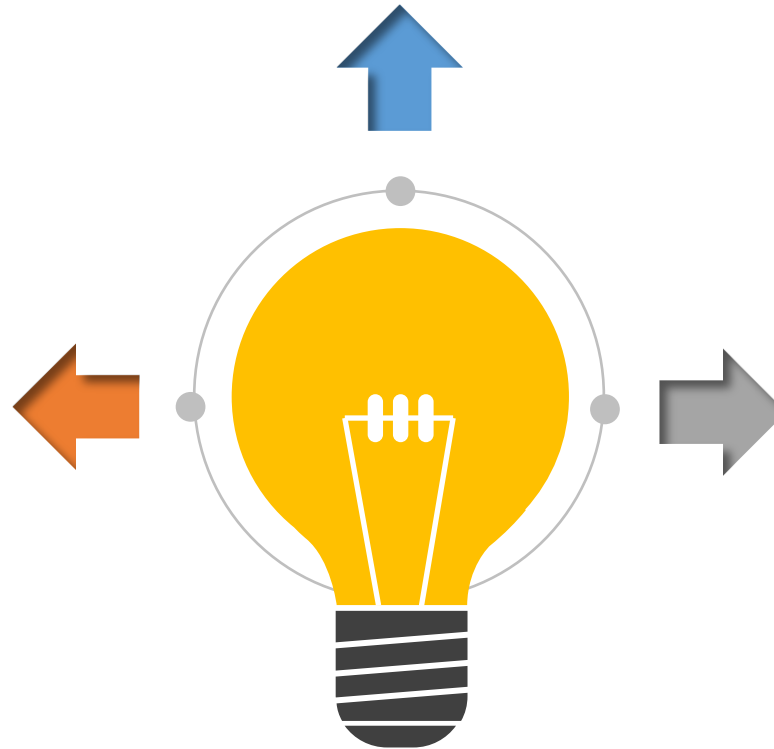
Key Modules of NISE³



Strategic Recommendation

According to National Skill Development Policy (NSDP), 2011- 30% of the skill learning participants should be female.

10 million job lost in SME sector suffered due to COVID-19. Majority of them are women.



Due to 4IR, around 4 lakh women are at risk of job loss in RMG and Textile sector.

Thank You