



Power an Inclusive Future for All

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Setting the Scene Why Digital Skills?

Cisco Networking Academy
Power an Inclusive Future for All



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**Digital
Transformation
Centres**

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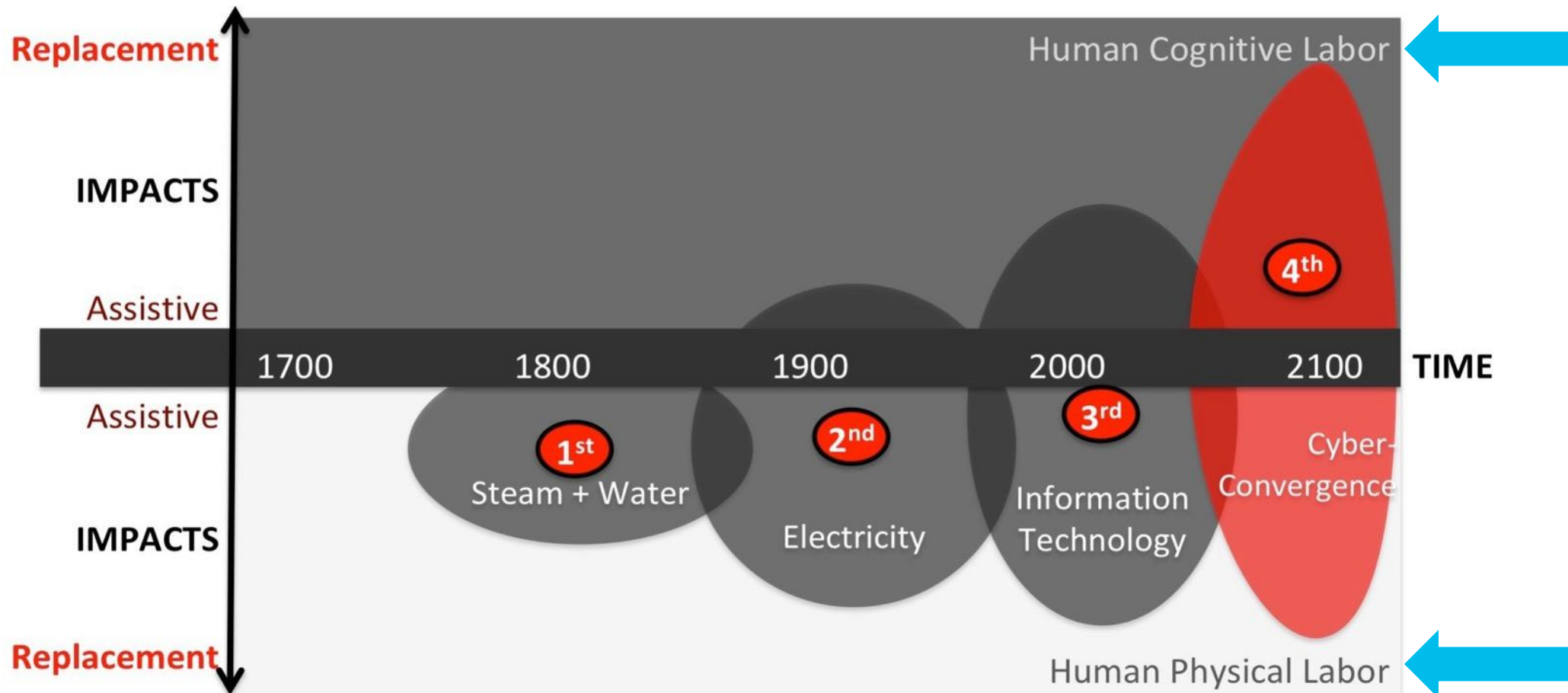
Recap

Slide from Geneva meeting February 2020

Skills for the 4th Industrial Revolution – 1950 to 20??



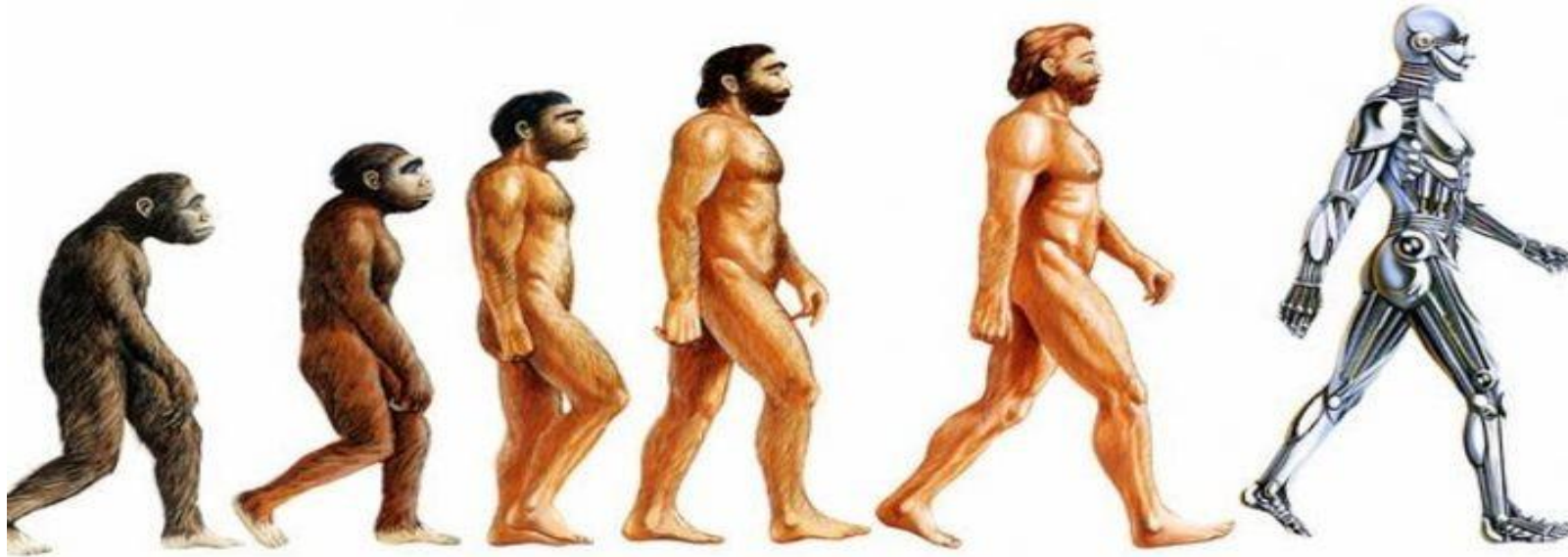
CHANGE: Impact of 4th Industrial Revolution



Why Basic Digital Skills?

- Entry-level digital skills, that are required for the basic use of digital devices and online applications, are widely considered a critical component of **a new set of literacy skills** in the digital era, together with traditional reading, writing, and numeracy skills. ([*Unesco: Digital skills critical for jobs and social inclusion*](#))
- “By 2030, 9 out of 10 jobs will require digital skills.” ([*World Economic Forum \(WEF\)*](#))
- “Being digitally literate is essential because many employers expect that you possess certain IT skills to perform your duties effectively” ([*Indeed*](#))
- When girls and women are connected and have digital skills, this leads to a positive impact not only for individual women and their families but society as well. ([*ITU*](#))
- “Facilitate inclusive access to digital skills and literacy, particularly for youth and women” is an objective of [*Digital Transformation Africa \(DTA\) - White House initiative*](#)

Why Intermediate Digital Skills?



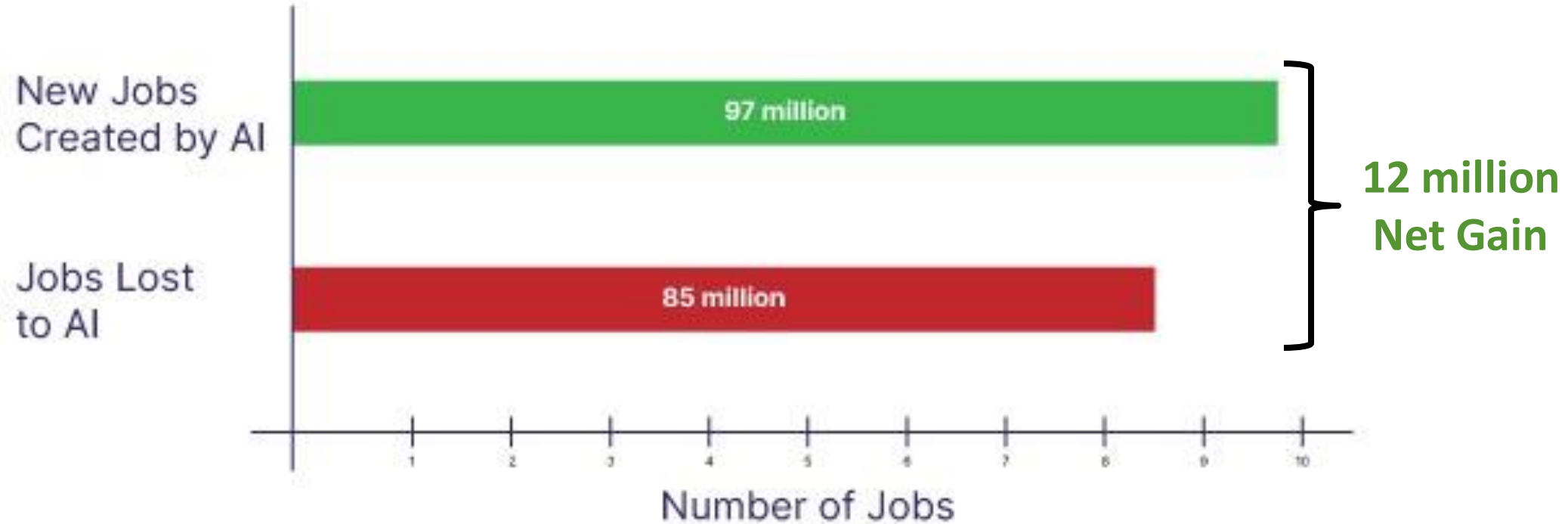
AI driven 4IR

Highest Impacted Jobs

Group	Occupations with highest exposure	% Exposure
Human α	Interpreters and Translators	76.5
	Survey Researchers	75.0
	Poets, Lyricists and Creative Writers	68.8
	Animal Scientists	66.7
	Public Relations Specialists	66.7
Human β	Survey Researchers	84.4
	Writers and Authors	82.5
	Interpreters and Translators	82.4
	Public Relations Specialists	80.6
	Animal Scientists	77.8
Human ζ	Mathematicians	100.0
	Tax Preparers	100.0
	Financial Quantitative Analysts	100.0
	Writers and Authors	100.0
	Web and Digital Interface Designers	100.0
	<i>Humans labeled 15 occupations as "fully exposed."</i>	

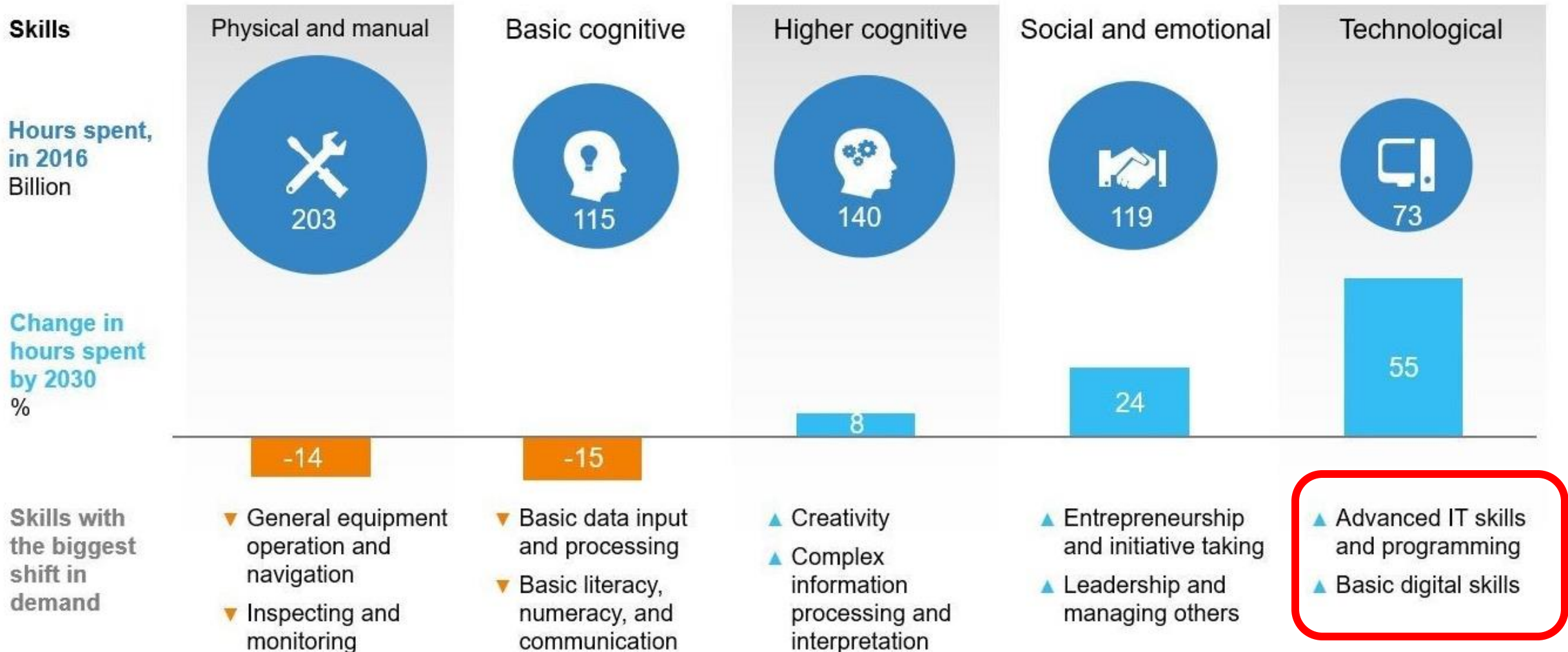
Model α	Mathematicians	100.0
	Correspondence Clerks	95.2
	Blockchain Engineers	94.1
	Court Reporters and Simultaneous Captioners	92.9
	Proofreaders and Copy Markers	90.9
Model β	Mathematicians	100.0
	Blockchain Engineers	97.1
	Court Reporters and Simultaneous Captioners	96.4
	Proofreaders and Copy Markers	95.5
	Correspondence Clerks	95.2
Model ζ	Accountants and Auditors	100.0
	News Analysts, Reporters, and Journalists	100.0
	Legal Secretaries and Administrative Assistants	100.0
	Clinical Data Managers	100.0
	Climate Change Policy Analysts	100.0
	<i>The model labeled 86 occupations as "fully exposed."</i>	
Highest variance	Search Marketing Strategists	14.5
	Graphic Designers	13.4
	Investment Fund Managers	13.0
	Financial Managers	13.0
	Insurance Appraisers, Auto Damage	12.6

Impact of AI on Job Markets



Automation and AI is changing the skills needed in the Job Markets

Total for the US and 14 European countries



Insert humanoid video

<https://www.youtube.com/watch?v=Sq1QZB5baNw>

Partnership Mobilization: Telco's



Mobile World Congress 2023

The beginning of a journey....

What:

Executive Roundtable with selected group of Telcos/SPs to partner on Digital Skills Development.

Why:

“To Power an Inclusive Future for All” by pooling resources to take Digital Skills to underserved communities, via our Digital Transformation Centers initiative.

Aim is to maximize impact by pooling resources and expanding to more underserved communities and countries.

Outcome:

- 8 Telco/SP CxO level participants.
- Exec Support from:
 - Cisco CEO, 1 EVP, 1 SVP and 2 VPs
 - ITU Secretary General and Head of BDT
- All Telco's have digital skills initiatives and want to partner for impact.
- **Digital Skills Geneva Workshop** with all Telcos 31 May to 1 June 2023.



Partnerships to Date:



DTC Telco Partnership

Areas of Partnership



DTC Engagement Areas

Funding:

Resources are required at a global level to support and grow the initiative. Funding is required for:

- Program management at ITU's HQ
- Global DTC events: hosting, travel stipends, etc.

Project Management:

Support is required at country level to coordinate the roles and contributions of all partners:

- Support in-country project/program management

Connectivity:

Majority of DTCs lack affordable, reliable and fast connectivity. Support is needed for:

- Sponsored connectivity
- Zero rate access to training content

Devices / Access points:

Underserved communities lack access to digital devices such as smartphones, tablets and laptops, and routers for connectivity:

- Equipment donation to DTCs

Content:

There are communities where the locally relevant content has maximum impact:

- Provide support for local trainers and localization

Training Venues:

Rural communities lack access to proper training facilities:

- Sponsor the establishment of DTC training centers

Trainers:

Given the low literacy levels of underserved communities, trainers for basic intro digital skills are a necessity:

- Salaries for DTC trainers

Marketing / Other:

- Marketing collaterals
- Promotion and event support
- Awareness campaigns to communities

Recap for Change:

- The 4th Industrial Revolution is here
- The job market is changing
- Net Gain of 12 million New Jobs
- Demand for basic to advanced digital skills
- Telco partnerships to support you



Let's
“Power an
Inclusive Future
for All”
Together



Thank you

