

**DIGITAL LANDSCAPE: IMPACT AND A WAY FORWARD.
PAUL WILSON**

DIGITIZE EVERYTHING

DEVELOP LOCAL SKILLS, CREATE LOCAL TECHNOLOGIES.

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BUT THERE'S A THREAT, OR IS IT AN OPPORTUNITY ?

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The 4th Industrial Revolution (4IR)



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MANY BELIEVE THAT MODERN TECHNOLOGIES LIKE ARTIFICIAL INTELLIGENCE WILL MEAN PUTTING MANY PEOPLE OUT OF WORK.

THIS IS TRUE, ACCORDING TO A REPUTABLE INSTITUTE WHO STATE THAT APPROXIMATELY 800 MILLION JOBS WILL BE AFFECTED BECASUE OF AI.

Digital Product



Digital growth is just the tip of the iceberg currently

50 bn

internet-connected "things" by 2020, including sensors and RFID chips

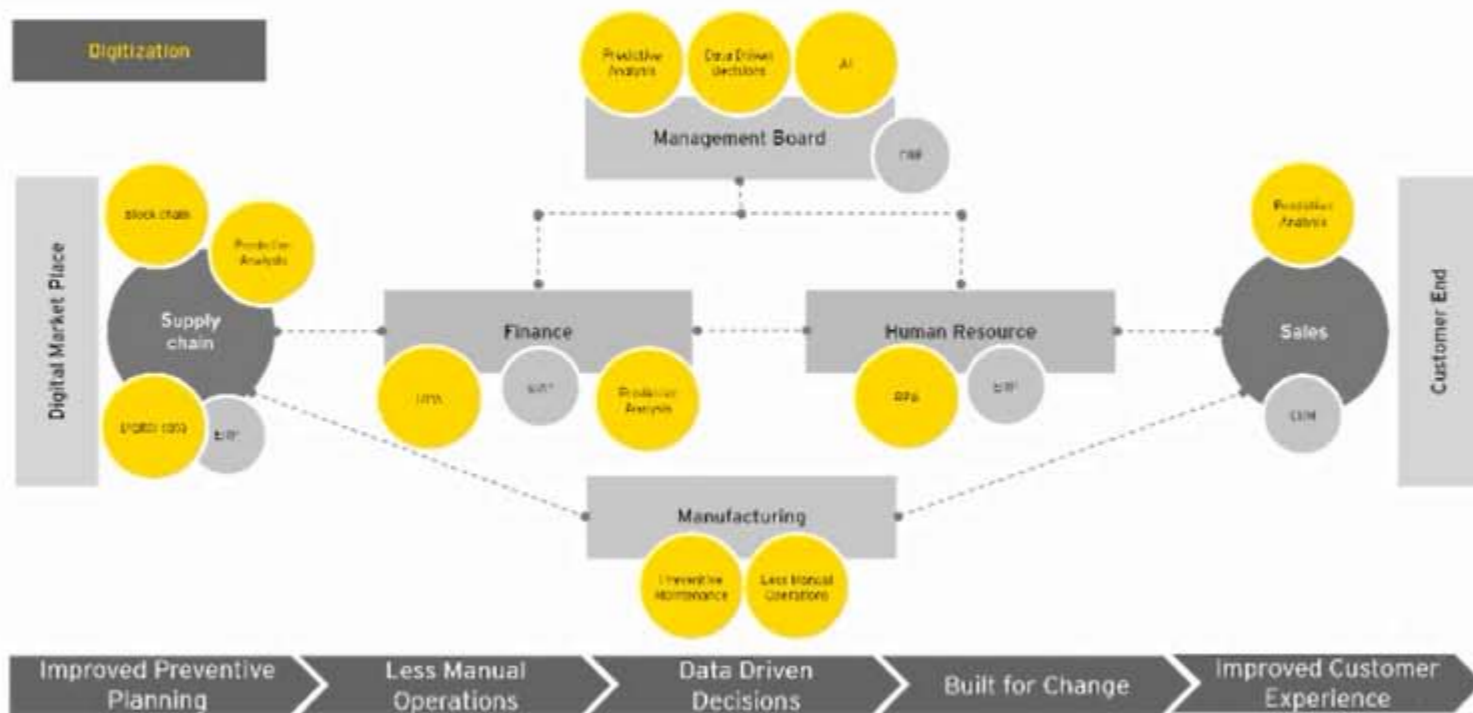
35

days for a new technology to reach a critical mass of 50m users

1%

of potential connectivity is estimated to have been achieved so far

Impact on businesses



QUALITY MEANS: COMPLETENESS AND CORRECTNESS

SO WHAT CAN PAKISTAN DO? WHERE DO WE START?

GET THE BASICS RIGHT:

- 1) QUALITY OF DATA**
- 2) QUALITY OF GOVERNANCE**
- 3) QUALITY OF TRANSACTIONS**
- 4) QUALITY OF REPORTS**

THIS IS THE START OF DIGITIZATION.

QUALITY MEANS: COMPLETENESS AND CORRECTNES

**THEN...WE IMPLEMENT MODERN 'BEST PRACTICES'.
FOR EXAMPLE, ENTERPRISE ASSET MANAGEMENT (ISO 55 000)
FOR GOVERNMENT AND INDUSTRY.**

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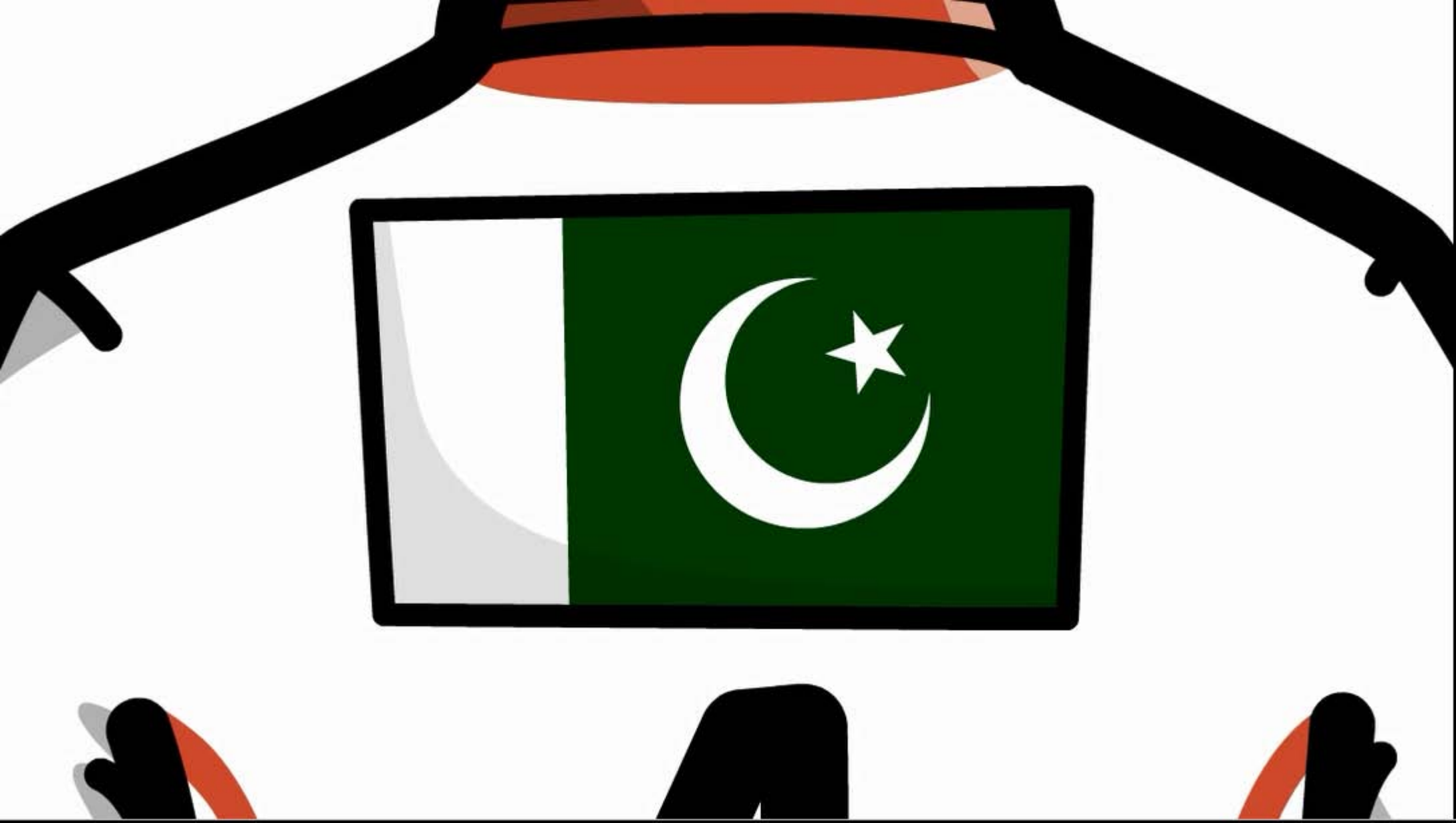
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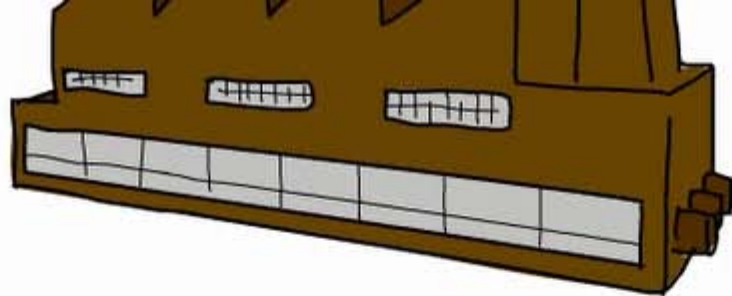
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**FINALLY, ONCE WE HAVE THE BASICS IN PLACE,
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THEN WE EXTEND GOVERNMENT AND INDUSTRY'S
CAPABILITIES WITH 4IR TECHNOLOGIES.**





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**ONCE GOVERNMENT AND INDUSTRY HAVE COMPLETED THIS DIGITAL TRANSFORMATION,
THEN PAKISTAN CAN LEVERAGE 4IR TECHNOLOGIES TO SOLVE SOME OF THE WORLD'S
PROBLEMS, STARTING WITH ITS OWN PROBLEMS.**

REGARDING 4IR TECHNOLOGIES, PAKISTAN HAS 2 OPTIONS.

1) AS A CONSUMER OF NEW TECHNOLOGIES

2) AS A PROVIDER OF NEW TECHNOLOGIES

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WILL AI REPLACE JOBS IN PAKISTAN? YES, IT'S INEVITABLE.

CAN PAKISTAN BUILD THE AI? YES, IT'S A CHOICE.