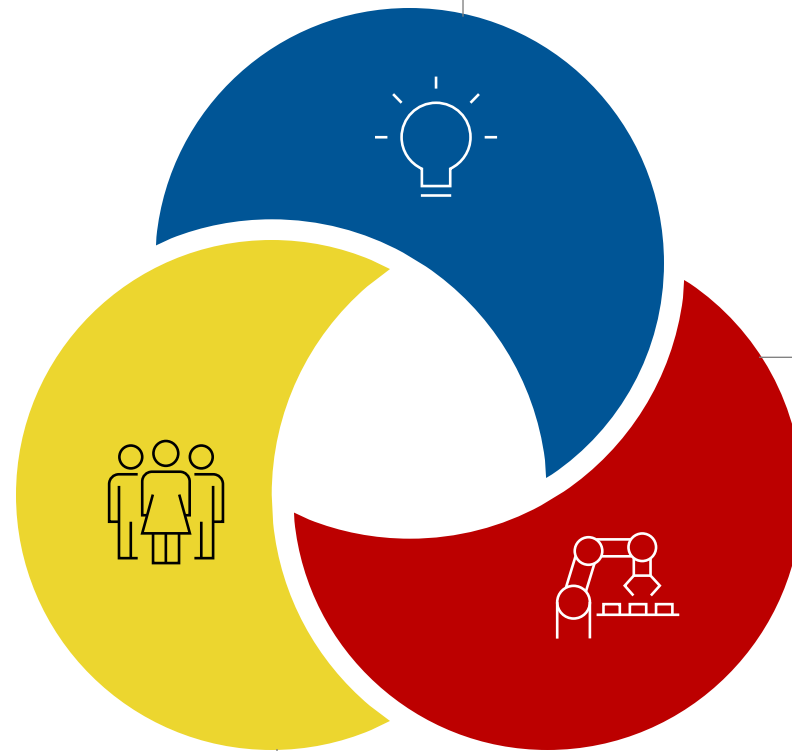


A triple transformation approach is needed to scale I4R implementation



1 Business transformation

Review **business strategy** and prioritize key operation pain points

Value-centric use case development

2 Technology transformation

Broaden collaboration with **technology ecosystem** through data sharing and using best-available technology

Re-design IoT and data infrastructure for scale-up of use cases

3 Organization transformation

Leverage internal and external expertise to **reskill and resource** the transformation team and broader work force to adopt to changes

Drive transformation from the top through **change story**

Leadership **upskill and up talent**

The Need for Change

Manpower shortage a key concern raised by business leaders at pre-Budget roundtable

THE BUSINESS TIMES
January 14, 2022

S'pore workers can expect 3.8% raise this year: Survey

THE STRAITSTIMES
January 19, 2022

THE STRAITSTIMES

BUSINESS

How this second-gen boss is taking her old-school family business into the digital age

Charting a new course in the traditional marine industry requires young blood, robots and conquering the fear of change




Ms Bay Yanming, CEO of Safety Innovators, knew change was inevitable in order to prepare her family's ship supply business for the future.
PHOTO: KDH MINGGUANG

Budget must address urgent foreign worker crunch but stay firm on long-term weaning


Shortages in construction, marine shipyard, process as well as high-wage sectors, say business groups, analysts

THE BUSINESS TIMES
February 4, 2022

In land-scarce Singapore, new spaces for homes on the sea and in the air, possibly

 March 20, 2019

Progressive wages to be extended to 8 in 10 lower-wage workers by 2023

 August 30, 2021

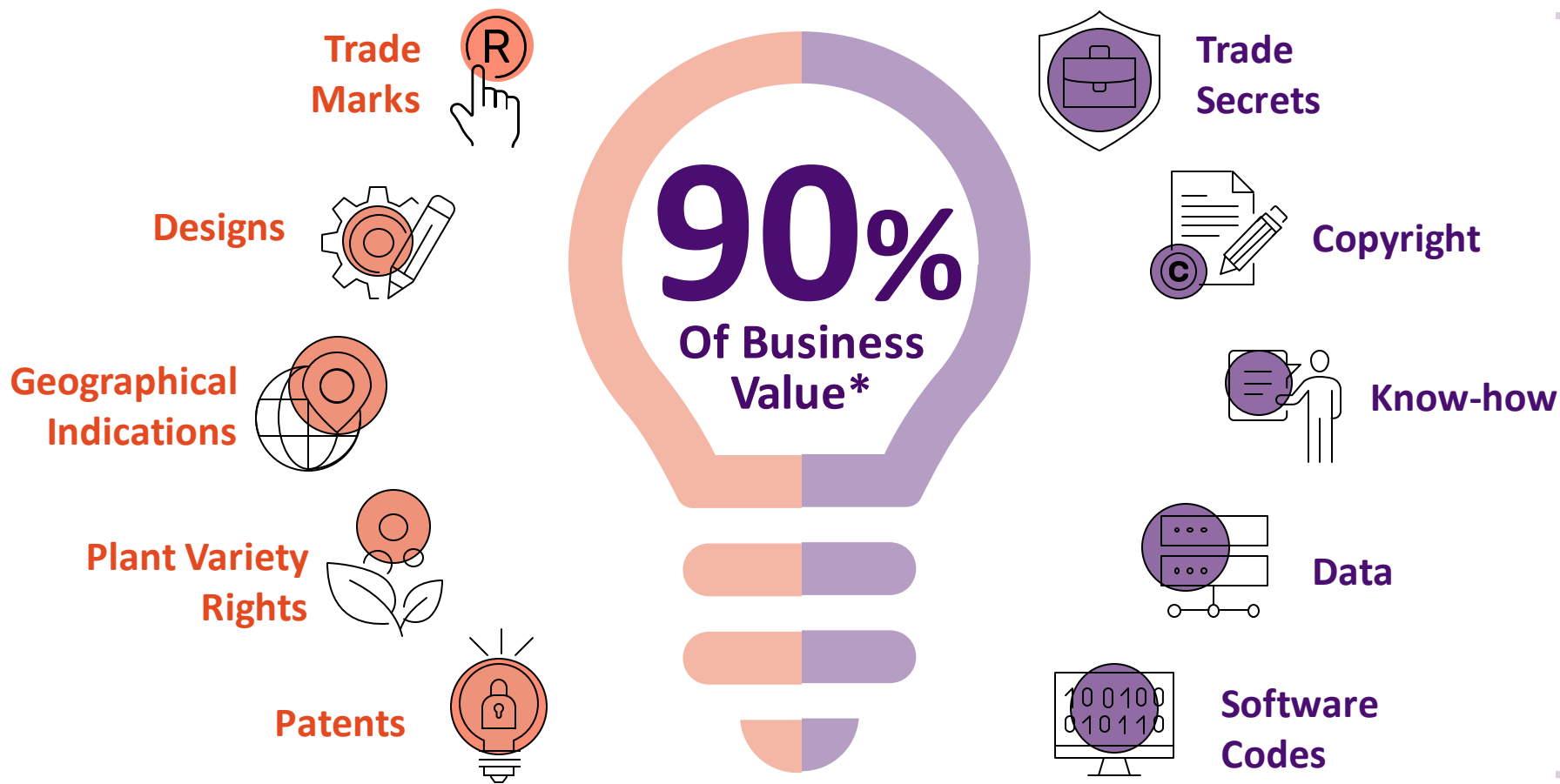
Industry Transformation Maps to be refreshed, strengthened over next 5 years: DPM Heng

THE STRAITSTIMES
April 31, 2021

Source: Safety Innovators

REGISTRABLE

NON-REGISTRABLE



LEVERAGE YOUR INTANGIBLE ASSETS & INTELLECTUAL PROPERTY

1. Take stock
2. Upskill team
3. Tap on resources

*Source: Ocean Tomo, LLC Intangible Asset Market Value Study, 2020

HP's Smart Manufacturing Journey

People



Vision

Change Story → Goals

Culture

Roadshows, Hackathons
Performance management

New career paths

Upskilling
Training & Workshops
"Citizen" conversion programs

Process



SMARC

Agile Experimentation
Center of Expertise for IoT, Analytics,
Automation & 3D Printing

Transformation Office

Focus, alignment & prioritization
Change Management

Technology

	Formulation	Development	Integration	Transformation
3D Printing	Proto-typing, Spares/Fixtures, Production, Re-design for Efficiency			
Analytics	Self Report → Detect → Diagnose → Predict → Prescribe			
Automation	Cobots, AIV, Flexible & Scalable Bases, Vision			
IoT	Sensors, Data Transport, Database Consolidation, Cybersecurity			

Technology Roadmaps

Purpose driven innovation
Push-pull model

Partnerships

Technology Providers
Research Institutes

HP Singapore among 15 global firms joining WEF's leading-edge manufacturers network

HP Singapore was able to pivot from a labour-intensive factory into a digitalised, automated one with the help of AI. PHOTO: AFP

Kenji Chong

PUBLISHED: MAR 15, 2021, 7:41 PM SGT



Register your interest now to get started



Visit our website for more info:
<https://ihci.sbf.org.sg/enabler-programme/register>

Explore Human Capital resources and self-help
guides:
<https://ihci.sbf.org.sg/self-help-portal/getting-started>

