

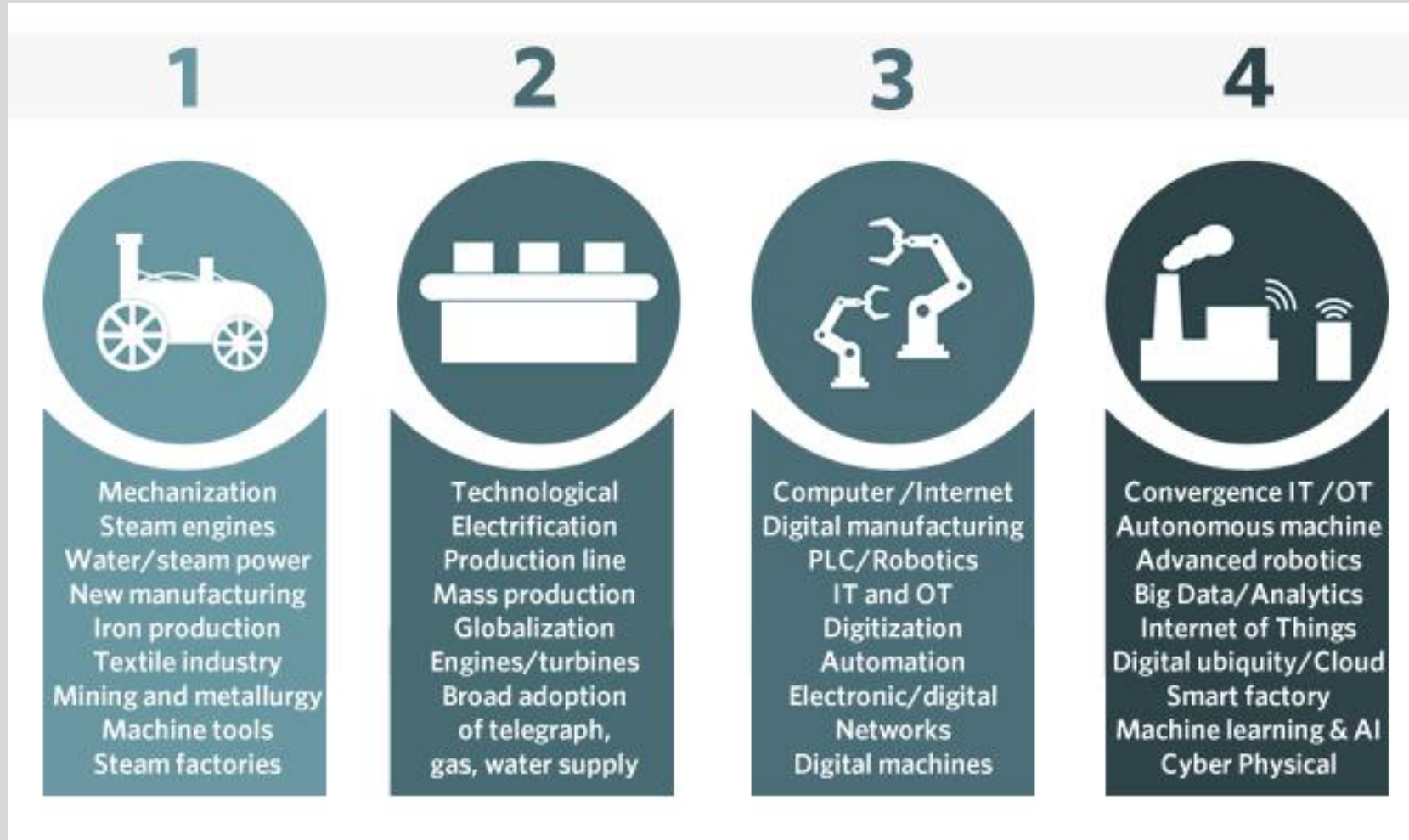


REVOLUSI INDUSTRI 4.0

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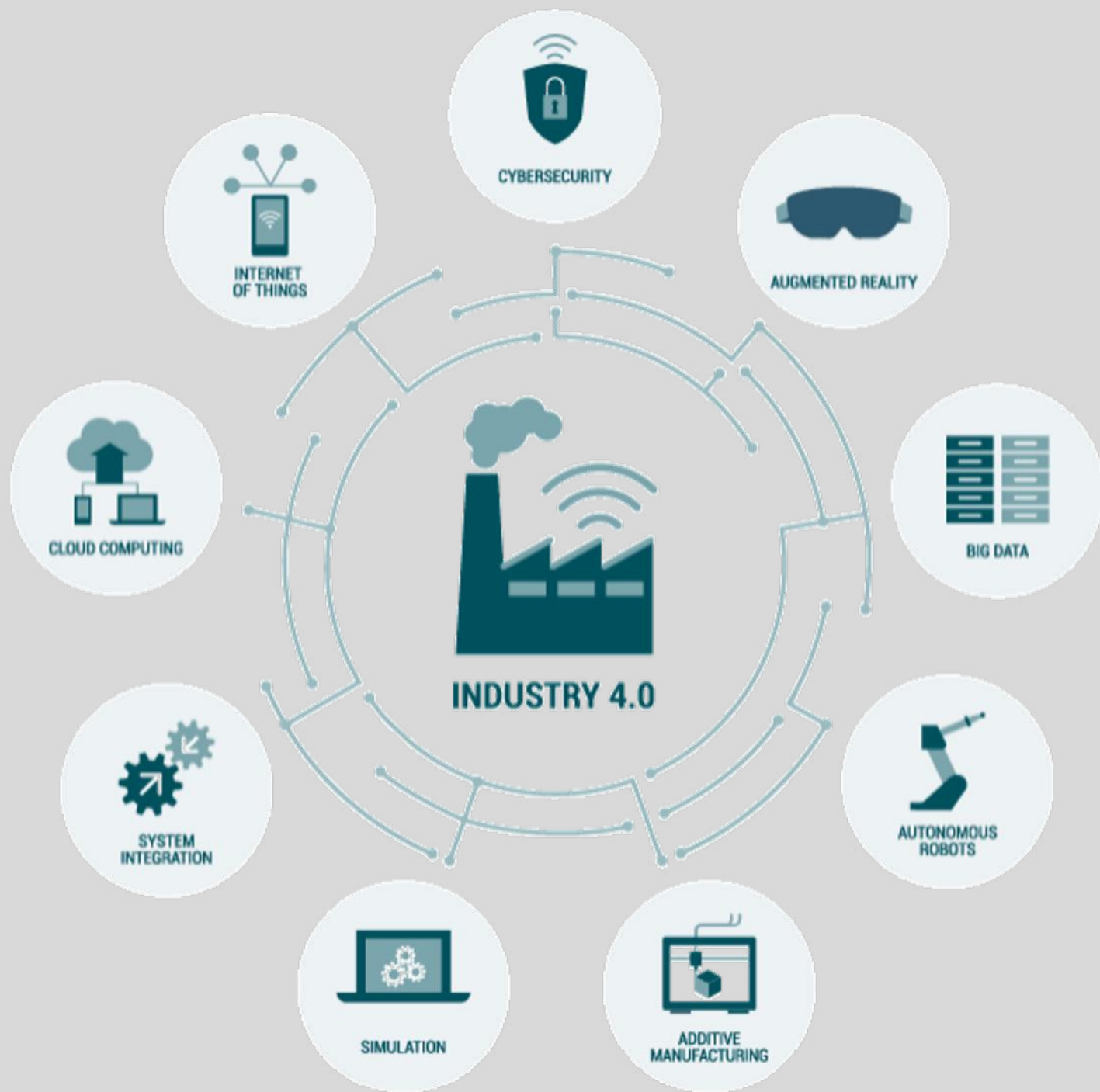
Industry 4.0

The fourth industrial revolution



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Industry 4.0 is the **digital transformation** of industrial markets (industrial transformation) with smart manufacturing currently on the forefront. Industry 4.0 represents the so-called fourth industrial revolution in discrete and process manufacturing, logistics and supply chain (Logistics 4.0), the chemical industry, energy (Energy 4.0), transportation, utilities, oil and gas, mining and metals and other segments, including resources industries, healthcare, pharma and even smart cities.



Are we met the requirements ?



Identified Qualification Competencies

Technical competence :

such as state-of-the-art knowledge, process understanding, technical skills, etc

Methodological competencies :

including creativity, entrepreneurial thinking, problem solving, conflict solving, decision making, analytical skills, research skills, and efficiency orientation

Social competencies :

such as intercultural skills, language skills, communication skills, networking skills, ability to work in a team, ability to be compromising and cooperative, ability to transfer knowledge and leadership skills

Personal competencies :

that includes flexibility, ambiguity tolerance, motivation to learn, ability to work under pressure, sustainable mindset and compliance



Characteristic Gap

Parenting (Low self-esteem) :

Always think they were special, Have anything they want to life just because they want it,
Feel embarrassed because they didn't deserve it → In the real world, they face the opposite
They growing with low self-esteem,
finally they show the world that life is amazing even though they're depressed (With social media)

Technology (doesn't have the coping mechanism to do with stress)

Engagement with social media / cell phone release dopamine → Addiction,
Always want "like" from everybody, always want response from everybody,
Trauma to be unfriend (Imbalance), They don't have meaningful relationship,
When significant stress starts to show up in their lives they're not turning a person, they're turning to device,
All addiction in time it'll destroy relationship, it'll cost time, it'll cost money, make life worse

Impatience (overall journey is arduous, long, difficult, so we need to learn)

They grown up in a world of instant gratification (buying habit, watch movie, date behavior),
Except job satisfaction & strength of relationship (there are no apps for that),
They standing in the foot of a mountain and want to reach summit, but they don't see the mountain,
If we don't ask for help, and learn the skill set, we will fall off the mountain,
Most of them growing through life and just never really finding joy, deep fulfillment

Environment

They care about numbers than they do about family,
They care more about short-term gains than long-term life, They care more about the year than the lifetime



Are we affordable to compete ?



Are we ready to lead ?





COACH Leadership

COACHING IS
EVERYDAY DEVELOPMENT



THERAPY
(SELF ACCEPTANCE)

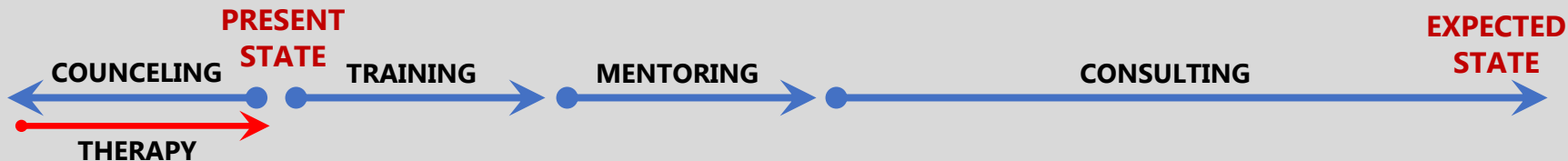
TRAINING
(IMPROVE KNOWLEDGE)

COACHING
(IMPROVE
ABILITY)

MENTORING
(IMPROVE EXPERIENCES)

COUNSELING
(PROBLEM SOLVING)

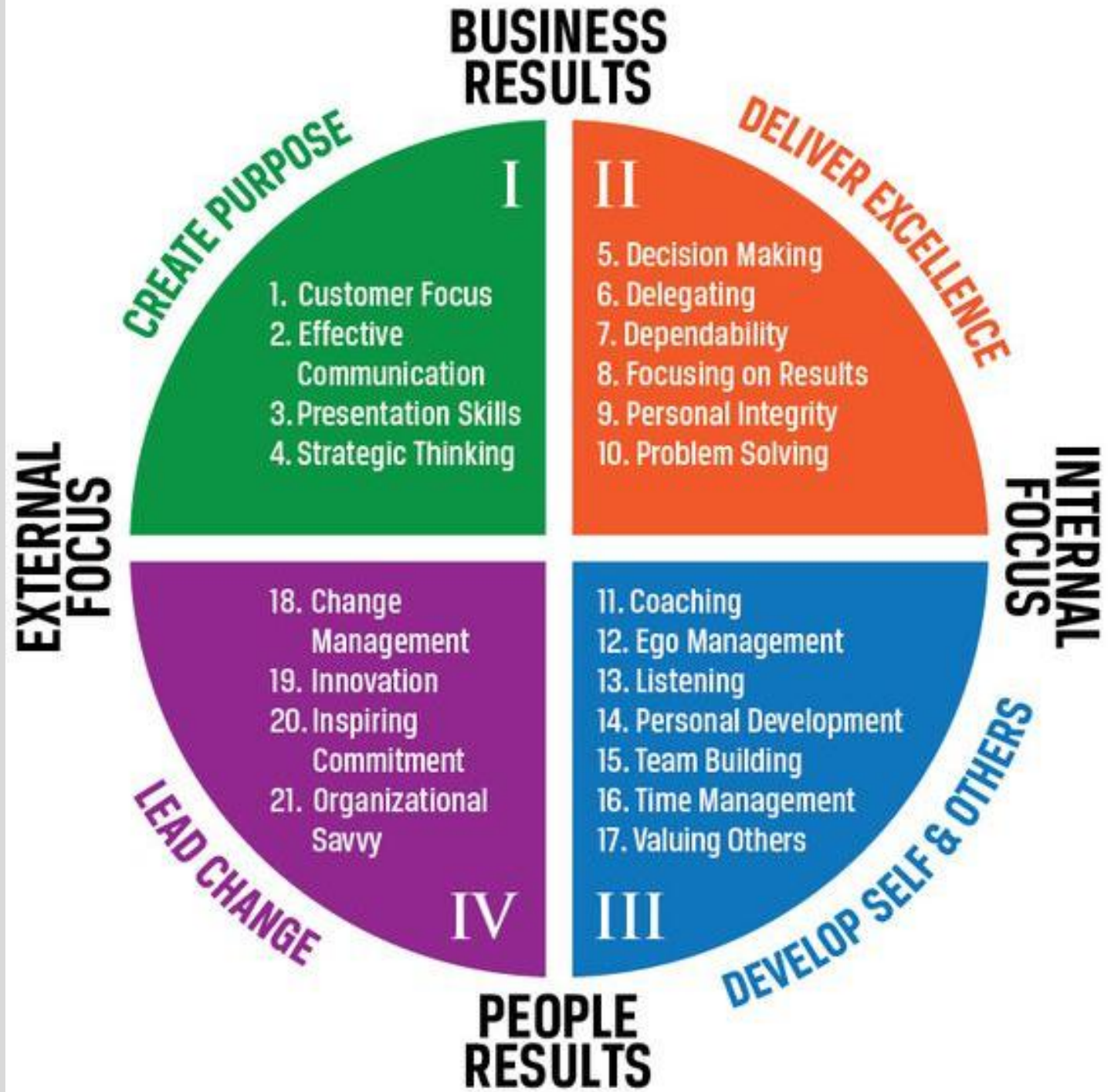
CONSULTING
(SOLUTION OFFER)





TERIMAKASIH

SELF IMPROVEMENT



Transferable skills for Industry 4.0

High-level transferable skills

Supporting skills

Empirical research findings

Mid-level key transferable skills, attitudes, and knowledge

Tech-literacy

Awareness and understanding of different technologies and skill sets and their potential applications for problem-solving or innovation

Social, interpersonal, and emotional

Metacognitive knowledge and skills
Anderson et al (self-knowledge and both how and when to use cognitive strategies for learning and problem solving)

Systems thinking (Sage, Peter 1995)
"The big picture" knowledge of complex contemporary issues and understanding potential implications for themselves/the future

Problem-solving skills

Business thinking

Integrated science process

Knowledge management:
Obtain, evaluate, analyze, interpret, apply, manage, data/information

Creative thinking

Critical thinking

Experimentation

Decision-making and judgement

