Future in the light of current industrial revolutions

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Directions of modern industrial revolutions

- **Industry 3.0** – Transition to a "green" economy
- **Industry 4.0** - Transition to cyberphysical systems
- **Industry 5.0** - Transition to personal development of mankind
**Key elements of modern industrial revolutions**

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<th>Industry 5.0</th>
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<td><strong>Key elements:</strong></td>
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Key features of the III Industrial Revolution

III Industrial Revolution - the transition to a "green" economy:

• clean energy;
• additive technologies (3D-printing);
• network production (horizontal structures).
Roof panels (Germany)
"Smart" things (clothes, shoes, accessories)

"Smart" buildings (heating, lighting, cleaning, etc.)

Security (material, information)

Medicine (diagnosis, health control)

Transport (logistics, operation)

Trade (search, optimization)

Industry (logistics, operational control)

Agricultural production, ecology (monitoring, control)
V Industrial Revolution (Industry 5.0)

Aimed at returning people to production and personalization of consumption:

• synergy of man and artificial intelligence;
• formation of emotional artificial intelligence;
• creative functions of the person in production;
• from mass production of standard products to the consumption of goods for the individual;
• from efficiency goals to social development goals.
Thank you!