

Ekonomikas ministrija

# NACIONĀLĀS INOVĀCIJAS SISTĒMAS MĒRĶIS

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Ministru prezidenta biedrs,  
ekonomikas ministrs

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# 12 pārmaiņas virzošas (*disruptive*) tehnoloģijas



## Mobile Internet

Increasingly inexpensive and capable mobile computing devices and Internet connectivity



## Automation of knowledge work

Intelligent software systems that can perform knowledge work tasks involving unstructured commands and subtle judgments



## The Internet of Things

Networks of low-cost sensors and actuators for data collection, monitoring, decision making, and process optimization



## Cloud technology

Use of computer hardware and software resources delivered over a network or the Internet, often as a service



## Advanced robotics

Increasingly capable robots with enhanced senses, dexterity, and intelligence used to automate tasks or augment humans



## Autonomous and near-autonomous vehicles

Vehicles that can navigate and operate with reduced or no human intervention

# 12 pārmaiņas virzošas (*disruptive*) tehnoloģijas



## Next-generation genomics

Fast, low-cost gene sequencing, advanced big data analytics, and synthetic biology (“writing” DNA)



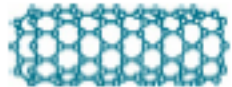
## Energy storage

Devices or systems that store energy for later use, including batteries



## 3D printing

Additive manufacturing techniques to create objects by printing layers of material based on digital models



## Advanced materials

Materials designed to have superior characteristics (e.g., strength, weight, conductivity) or functionality



## Advanced oil and gas exploration and recovery

Exploration and recovery techniques that make extraction of unconventional oil and gas economical

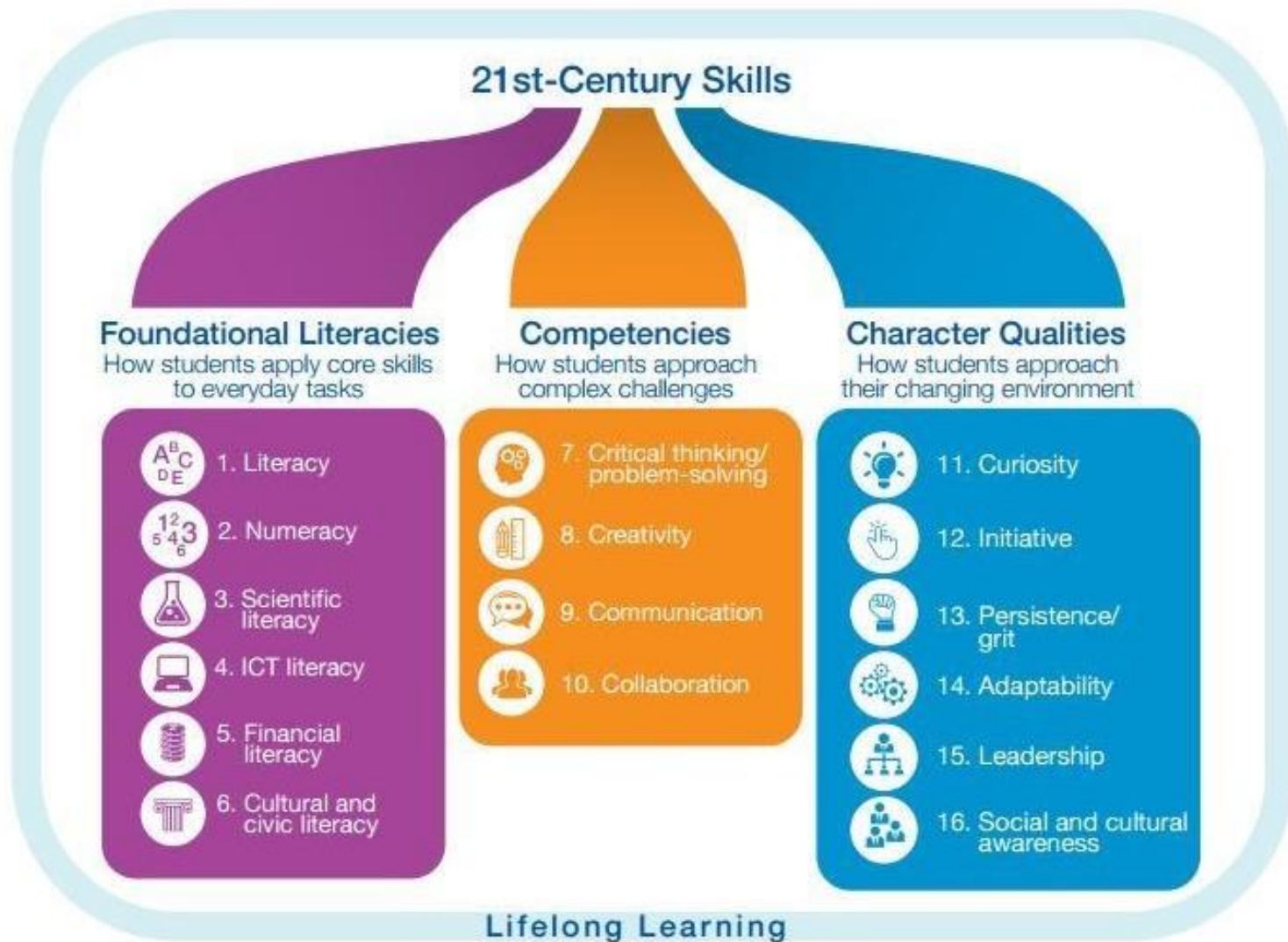


## Renewable energy

Generation of electricity from renewable sources with reduced harmful climate impact



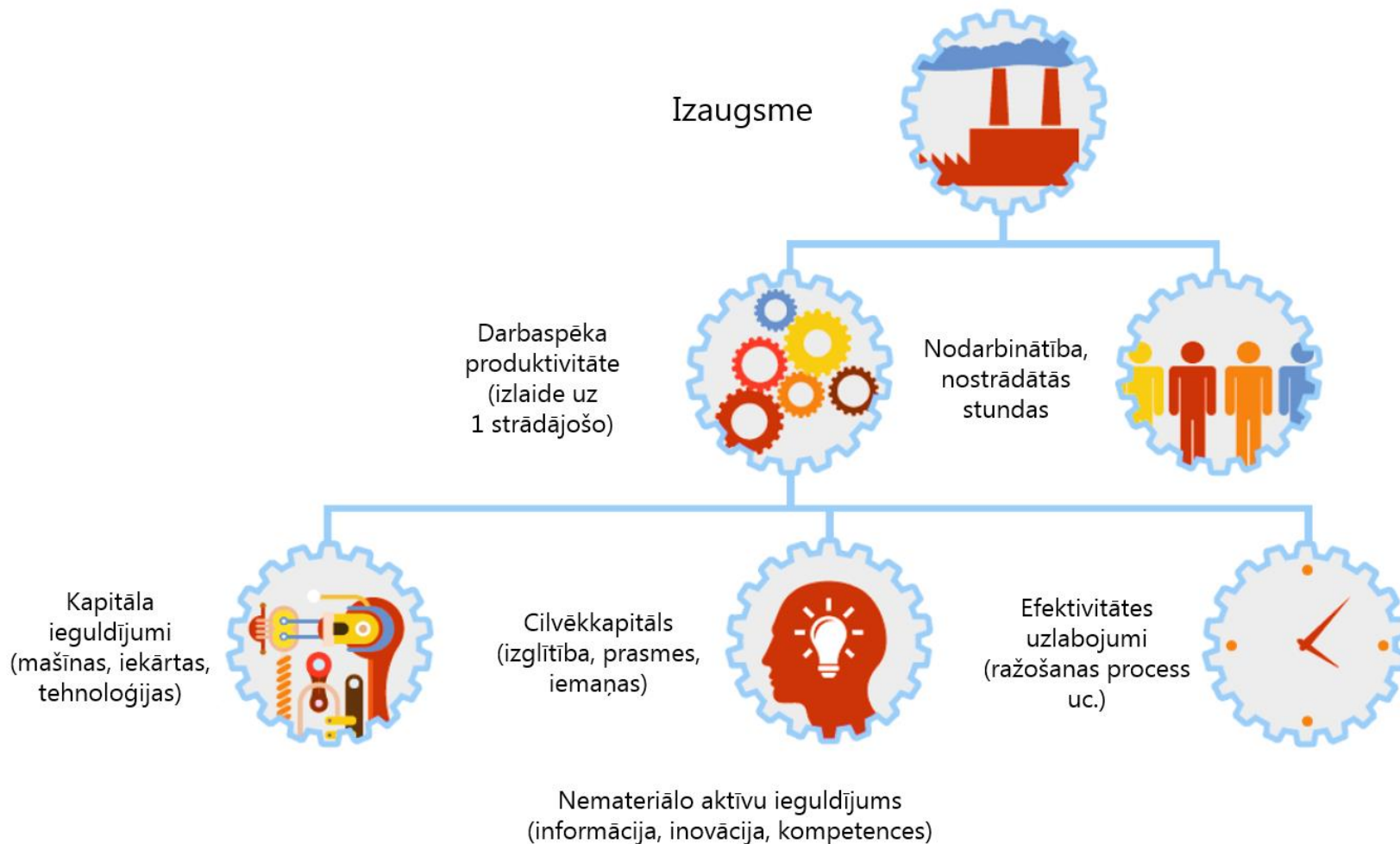
# 21.gs. nepieciešamās prasmes





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# Galvenais mērķis – būtisks tautsaimniecības produktivitātes pieaugums



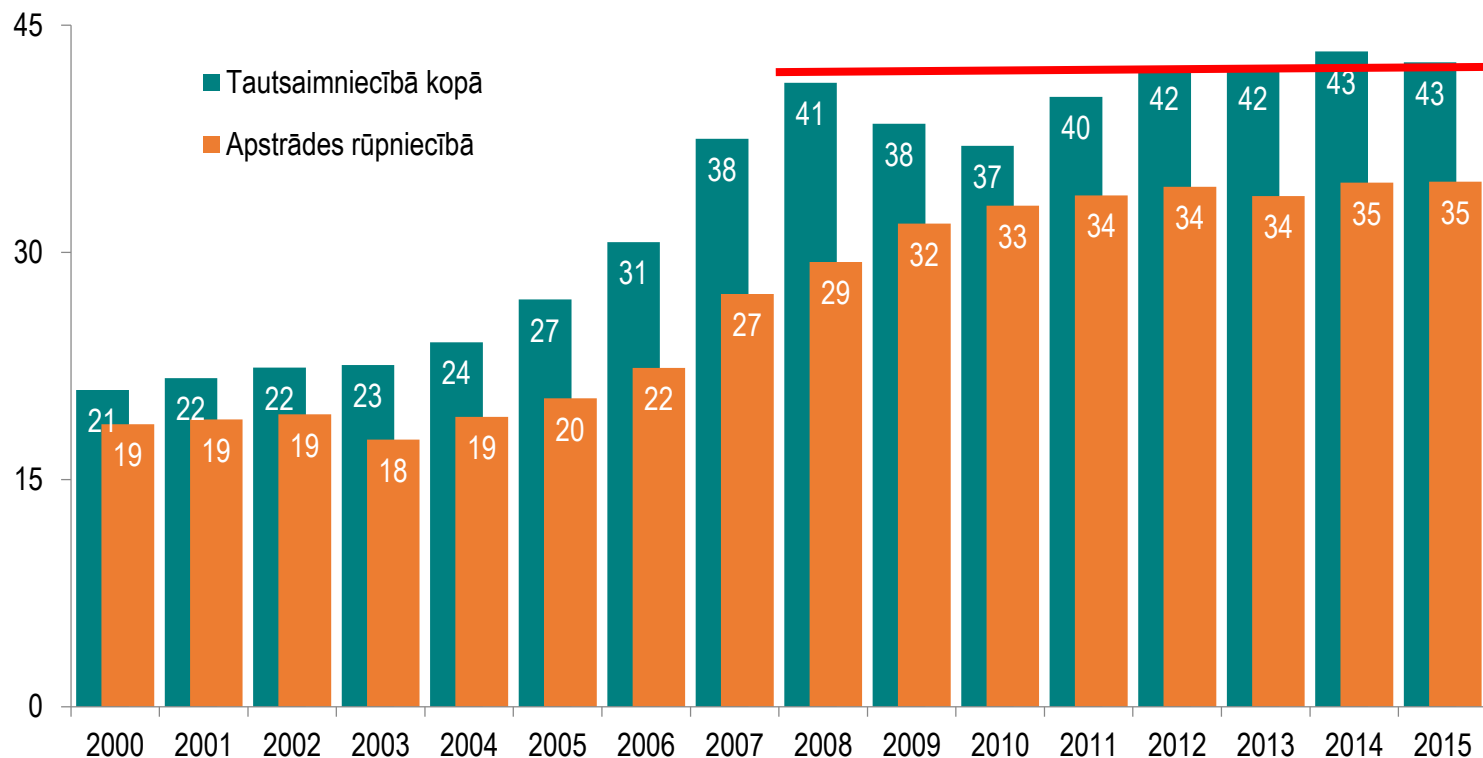


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# Latvijas tautsaimniecībai jāattīstās straujāk kā vidēji ES

Produktivitāte, ES-28=100

**Latvijas tautsaimniecības produktivitātes līmenis**  
(faktiskās cenās)





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## Produktivitātes 4 dimensijas

1. Produkti ar augstu pievienoto vērtību



2. Pakalpojumi ar augstu pievienoto vērtību



3. Ražošanas procesu efektivitāte



4. Publiskā sektora sistēmu efektivitāte

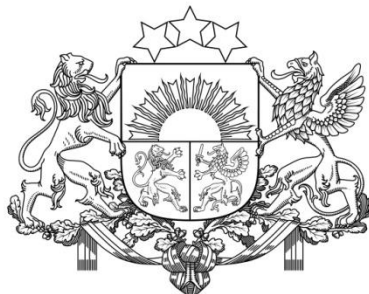


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## Igaunijas uzņēmējdarbības izaugsmes stratēģijas mērķi 2014 - 2020







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# Paldies!

**Ekonomikas ministrija**

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