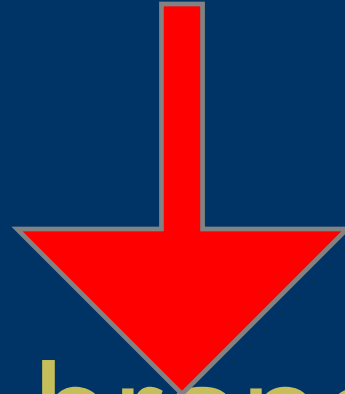


# *Mechanical engineering*



# Leading branch of world economy



**Mechanical engineering —  
the branch making various,  
tools, devices, and also  
consumer goods and  
defense products.**

# Contents

- Value and structure of mechanical engineering
- Factors of placement of mechanical engineering
- Branch structure
- Territorial structure

# Structure of mechanical engineering

**The heavy**

*The metallurgical*  
*The mining*  
*The power*

**The general  
and average**

the  
transport

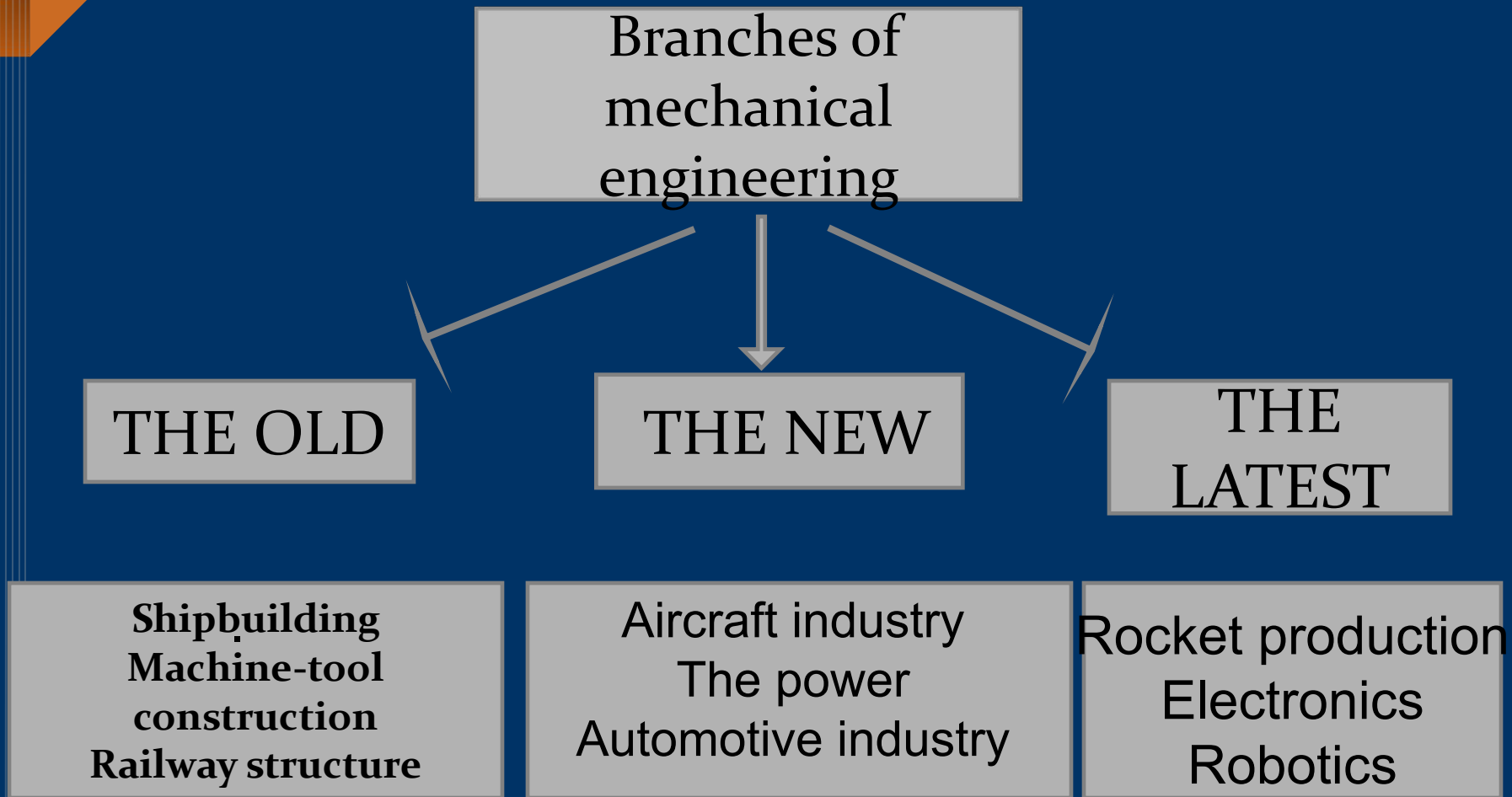
Agricultural  
and tractor

machine-too  
l  
construction

**The exact**

Electronics  
Instrument  
making  
Robotics  
Computer  
facilities

# Branches of mechanical engineering



# Factors of placement of mechanical engineering

- The transport

Existence of the qualified manpower

The consumer

The raw

# Placement factors

placement	Branches Mechanical engineering
Natural and resource (metal-consuming)	Shipbuilding, metallurgical, power, railway
Transport	Automotive industry, railway
Manpower	Instrument making, automotive industry, electrotechnical
Knowledge intensity	Electronics, COMPUTER, instrument making
Ecological	Nuclear mechanical engineering, metallurgical
Consumer	Tractor construction, automotive industry, electrotechnical

## Regions of mechanical engineering

- **North America**
- **Western and the Central Europe**
- **East and Southeast Asia**
- **CIS countries**



# World leaders in release of some types of machine-building production

	Cars	Mashines	TV	Mirane vassels
1	Japan	Japan	China	The Republic the Korea
2	USA	Germany	The Republic of Korea	Japan
3	Germany	USA	Japan	China
4	France	Italy	USA	Italy
5	The Republic of Korea	China	Russia	Brazil
6	Spain	Switzerland	Germany	Netherlands
7	Canada	The Republic of Korea	Malaysia	Taiwan
8	China	Taiwan	Brazil	Denmark
9	Mexico	Spain	Italy	Poland
10	Brazil	France	France	Finland

# MECHANICAL ENGINEERING PROBLEMS

- 1. Critical wear of the equipment and technologies;**
- 2. Deficiency of monetary resources (low credit and investment appeal of the enterprises)**
- 3. Lack of experience and resources for formation of effective marketing policy, especially in the market of the knowledge-intensive production;**
- 4. Shortage of raw materials for production;**
- 5. Unequal conditions of the competition in the market.**