



# Initiative on technical Regulation



**Working Group "Machines and Equipment / Mechanical Engineering"**

**Russian-German Pilot Project "Adaptation of German Suppliers of Technological Equipment to the Requirements of Russian Consumers"**

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**Chairman of the Board of the Association**

**"Digital Innovations in Mechanical Engineering" (ACIM)**

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## New challenges and solutions

- ✓ **Initiatives of the Eurasian Economic Union (EAEU) in the field of technical regulation, standardization and conformity assessment.**
- ✓ **Strategic direction in the field of digital transformation of manufacturing industries (Order of the Government of the Russian Federation dated 06.11.21 No. 3142-r) - Projects "Products of the Future", "Smart Production", "Digital Engineering".**
- ✓ **Long-term tasks of the RSPP Committee on Industrial Policy and Technical Regulation.**
- ✓ **Formation of promising needs of Russian enterprises in innovative technological equipment.**
- ✓ **The need to initiate a Russian-German Pilot Project.**

**The initiative of the Eurasian Economic Union (EAEU)  
in the field of technical regulation, standardization and conformity  
assessment provides:**

- ✓ **Development and harmonization of the requirements of Technical Regulations and Standards to ensure the protection of the EAEU market from low-quality goods.**
- ✓ **Reduction of technical barriers to the supply of quality products.**
- ✓ **Improvement and unification of accreditation procedures for certification systems in the EAEU countries.**
- ✓ **Improvement and unification of confirmation procedures by certification systems accredited in the EAEU countries.**

## **Strategic direction in the field of digital transformation of manufacturing industries (Order of the Government of the Russian Federation dated 06.11.21 No. 3142-r)**

**It is planned to implement 5 key ecosystem projects in the following enlarged areas:**

- ✓ **Innovations in the organization of production.**
- ✓ **Product innovations.**
- ✓ **Technological innovations.**
- ✓ **Innovations in the field of personnel.**
- ✓ **Innovations in public administration.**

**Projects "Products of the Future", "Smart Production", "Digital Engineering".**

# RSPP Committee on Industrial Policy and Technical Regulation

## Main objectives:

1. Preparation of proposals, participation in the coordination, approval and implementation of strategic plans and programs for the development of Russian industry, including based on digital platforms.
2. Assistance in the formation of a high-tech, competitive industry that ensures the transition of the state's economy from the export-raw material type to the innovative type of development.
3. Creation in the Russian Federation of favorable conditions for the successful development of entrepreneurship in the field of industry, advanced scientific and technical innovations and technologies, building effective business digital communications between consumers and producers of industrial products (small and medium-sized enterprises, large national and international companies, investment companies, funds and banks), other interested structures.

# RSPP Committee on Industrial Policy and Technical Regulation

## Main objectives (continuation):

4. **Creation of the necessary conditions for the removal of unreasonable restrictions to ensure technical progress and the introduction of innovations.**
5. **Intensification of the participation of the business community in legislative and regulatory activities.**
6. **Harmonization of the Russian system of technical regulation, standardization and conformity assessment with foreign systems in order to remove barriers to the entry of Russian products into international markets and ensure effective digitalization of industry.**

## Prospective needs of Russian enterprises in innovative technological equipment and components

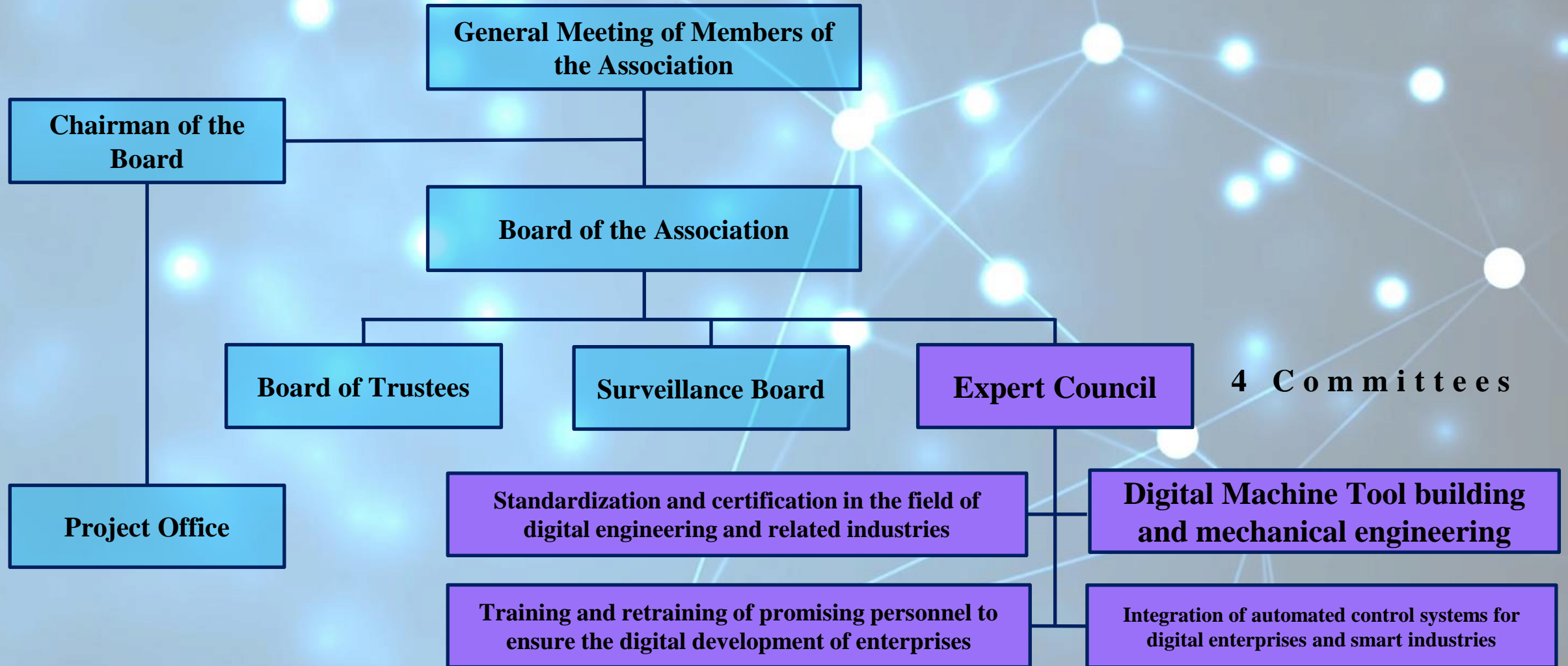
- ✓ Precision metal-cutting machines for five coordinate machining (lathe-milling group).
- ✓ Components (hydraulics, pneumatics, guides, spindle units, sensors, etc.).
- ✓ Hydraulic presses for high-precision isothermal stamping of turbine blades.
- ✓ Hydraulic and mechanical presses for precise hot stamping of railway transport parts.
- ✓ Mechanical servo presses for sheet stamping.
- ✓ ...

# Association "Digital Innovations in Mechanical Engineering" (АСИМ - <https://ацим.рф>)

The screenshot shows the website acim.rf. At the top left is the logo for АСИМ (Association of Digital Innovations in Mechanical Engineering) with the text "АССОЦИАЦИЯ ЦИФРОВЫЕ ИННОВАЦИИ В МАШИНОСТРОЕНИИ". To the right of the logo are navigation links: "Об Ассоциации", "Проекты и мероприятия", "Новости", "Контакты", "Рус/Eng". Below the navigation is a large image of a man speaking at a podium. A caption below the image reads: "21.03.2018 - Б. Грызлов: «Локомотивы роста» обеспечат генерацию прорывных решений для достижения лидерства России". Below the main image are two columns of news. The left column is titled "Новости" and contains three items: 1. "28.06.2021 Состоялась видео конференция по обсуждению взаимодействия АО «Казанский центр индустрии и экспорта «QazIndustry» с Комитетом РСПП" with the QazIndustry logo. 2. "21.06.2021 Опубликовано первый выпуск нового Брифинга Представительства немецкой экономики на тему Евразийского экономического союза (ЕАЭС) и технического регулирования с ЕАЭС" with the Eurasian Economic Union (Eurasian Commission) logo. 3. "10.06.2021 Прошло инженерное собрание России 2021" with the logo of the Russian Engineering Association (КРЭОНИКА). The right column is titled "ВАЖНЫЕ МЕРОПРИЯТИЯ" and contains one item: "5-8 июля 2021 года, г.Екатеринбург" with the INNOPROM logo. At the bottom left of the news section is the Russian coat of arms and the text "08.06.2021 Росстандарт подвел итоги работы". At the bottom right is the text "ПАРТНЕРЫ". A "Translate »" button is visible in the bottom left corner of the screenshot.



# Structure of ACIM



# Expert Council of the Association "Digital Innovations in Mechanical Engineering"



## Pilot project (Two-way interaction model)





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