



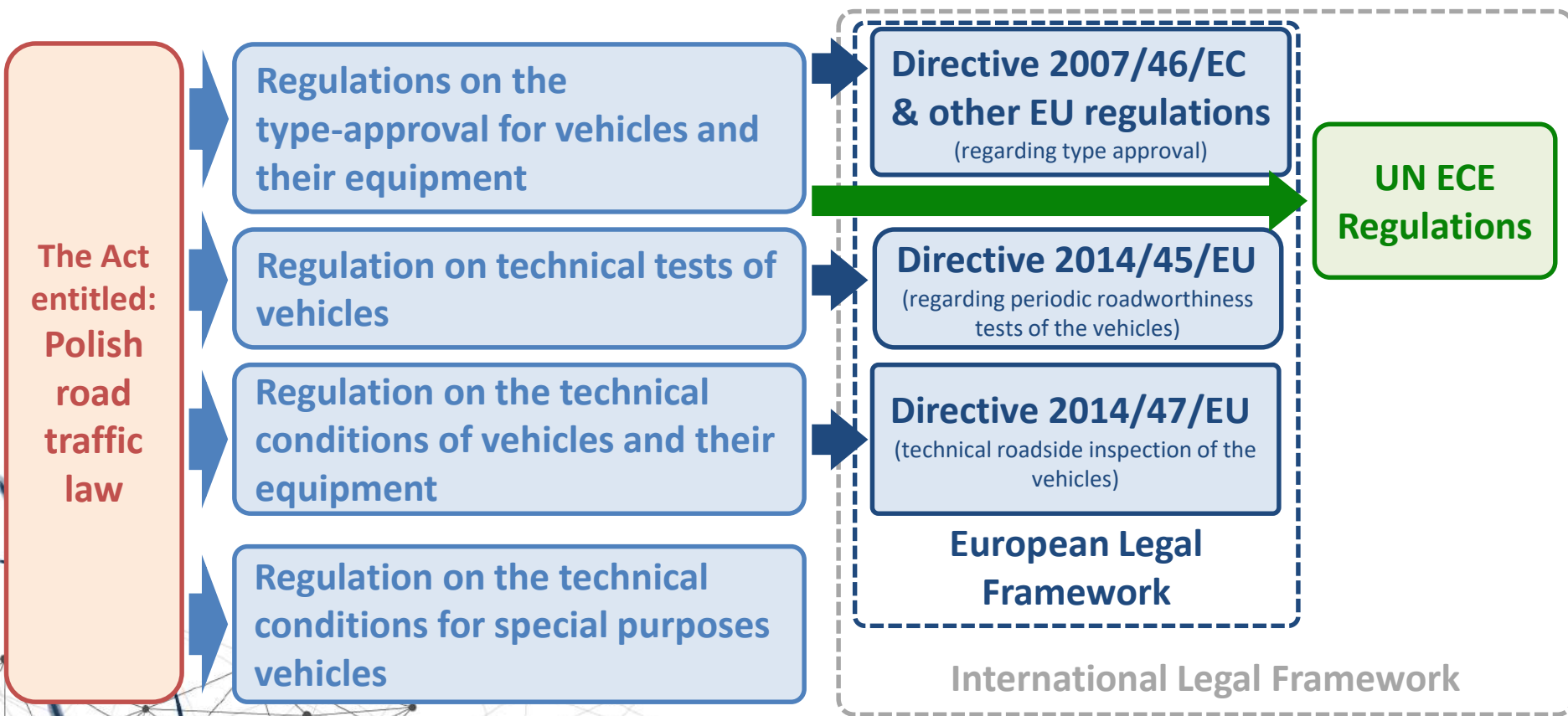
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PRZEMYSŁOWY INSTYTUT MOTORYZACJI
AUTOMOTIVE INDUSTRY INSTITUTE

ŁUKASIEWICZ – PIMOT IN THE SYSTEM OF SUPERVISION OVER THE SAFETY OF VEHICLES AND THEIR EQUIPMENT

Sources of law in Poland - Legal framework



Structure of the supervision system over vehicles and their equipment

TYPE APPROVAL

intended for
new types of vehicles
and equipment

CERTIFICATION

intended for
parts or vehicles
equipment

Periodical Technical Inspections (PTI)

intended for
registered vehicles
used in road traffic



Type-approval system – main features

Approval is mandatory

Closed list of items

**Applies to manufacturers or
authorized representatives**

**Based on international
regulations**

**Mandatory market
surveillance**

Product type

**Supervised by the national
authority for type approval**

**Mutual recognition of
approvals in every country-
member of the system**



Certification system – main features

Certification is voluntary

Open list of items

**Manufacturer / Supplier /
Importer / Target user**

Normative documents

**Optional supervision
elements**

**Product type / model /
batch / piece**

Certification Bodies

**Mutual recognition of
certification - conditions**



Periodical Technical Inspections (PTI) system – main features

Mandatory vehicle inspections

Periodic vehicle inspections

- per 3 years and then 2 years (for new vehicles)
- annually (for vehicles older than 5 years)

Vehicle Control Station

Polish national system

Supervision

Vehicle owner



ŁUKASIEWICZ RESEARCH NETWORK - AUTOMOTIVE INDUSTRY INSTITUTE (ŁUKASIEWICZ-PIMOT) as part of great national research network



38 research
institutes



over 4500
scientists



6 research groups



Ignacy Łukasiewicz
pharmacist, inventor, philanthropist



business partners from
all over the world



ca. 8000
employees

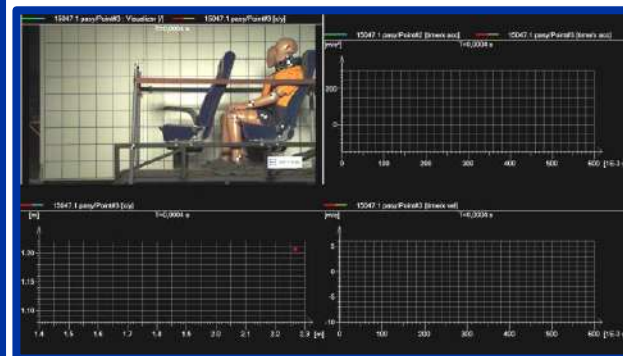
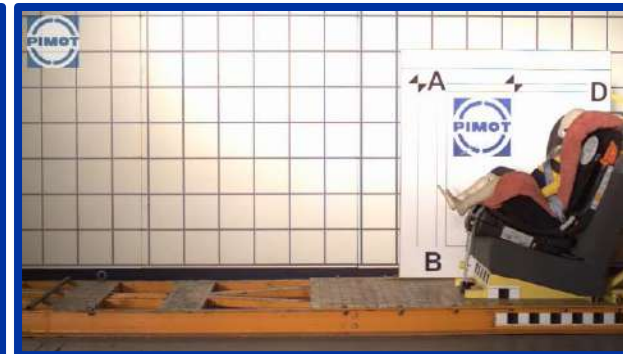


1,3 bn PLN
income in 2018



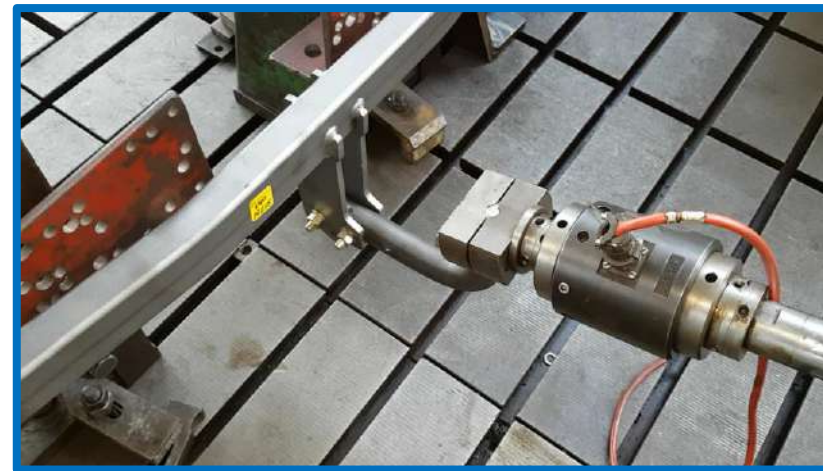
The scope of research activities of ŁUKASIEWICZ - PIMOT

Passive and active safety tests - examples



The scope of research activities of ŁUKASIEWICZ - PIMOT

Durability and fatigue tests - examples



The scope of research activities of ŁUKASIEWICZ - PIMOT

Electronics and acoustics tests



The scope of research activities of ŁUKASIEWICZ - PIMOT

Scope of Vehicles Type Approval service – every category specified by regulations

CATEGORY
M

Cars, mini
bus, city and
intercity bus

CATEGORY
N

Van and
trucks

CATEGORY
L

Light two,
three and
four
wheelers

CATEGORY
O

Trailers and
semi-trailers

CATEGORY
T

Tractors

CATEGORY
R

Agricultural
trailers

CATEGORY
S

Interchange-
able towed
equipment



The scope of research activities of ŁUKASIEWICZ - PIMOT

Vehicles Type Approval tests

Vehicle
Seats, Seat
belts,
Anchorages



Child
restraint
systems



Mechanical
coupling
devices



Vehicle
braking,
steering
systems



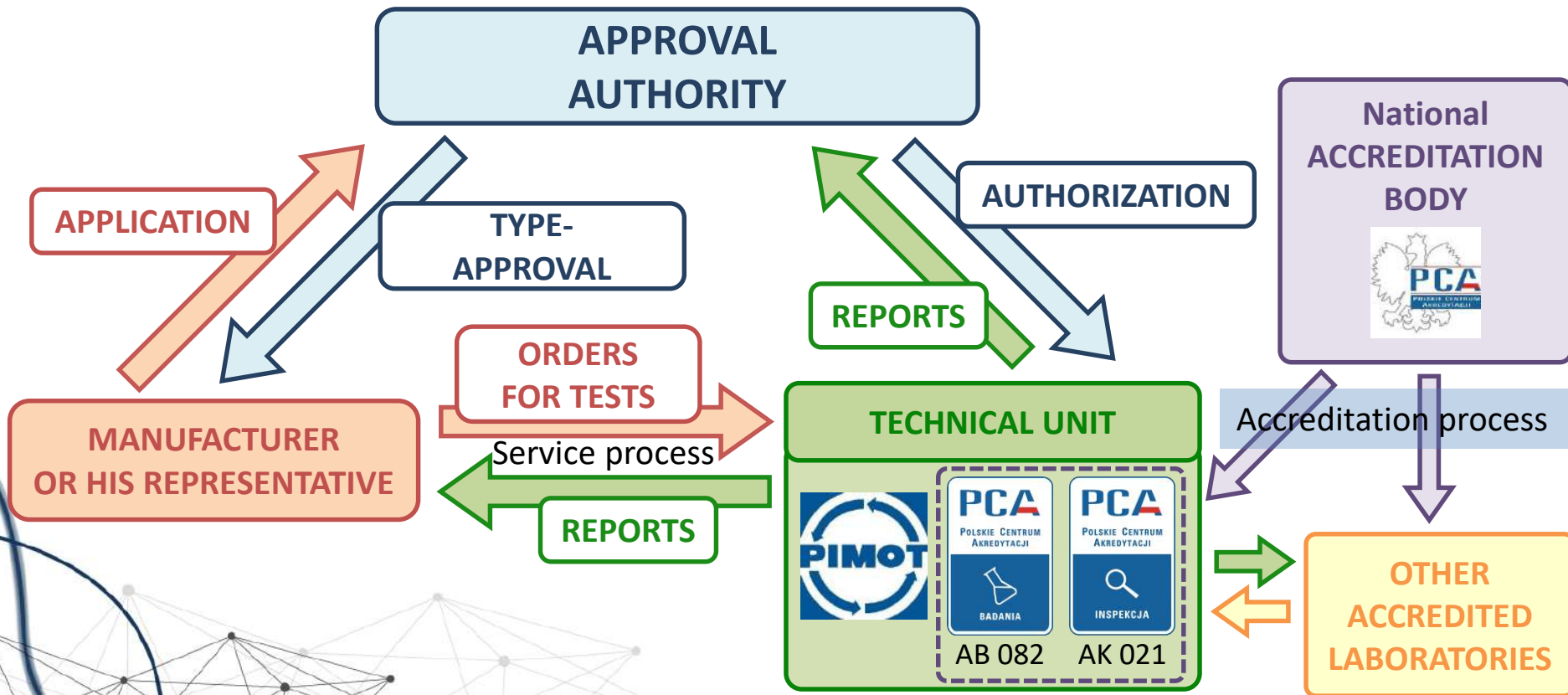
EMC



Braking
pads,
drums and
discs



PIMOT's place in the national Type Approval system



The scope of support for approval processes

**Giving necessary
Information**

**Verification of the
conformity of production**

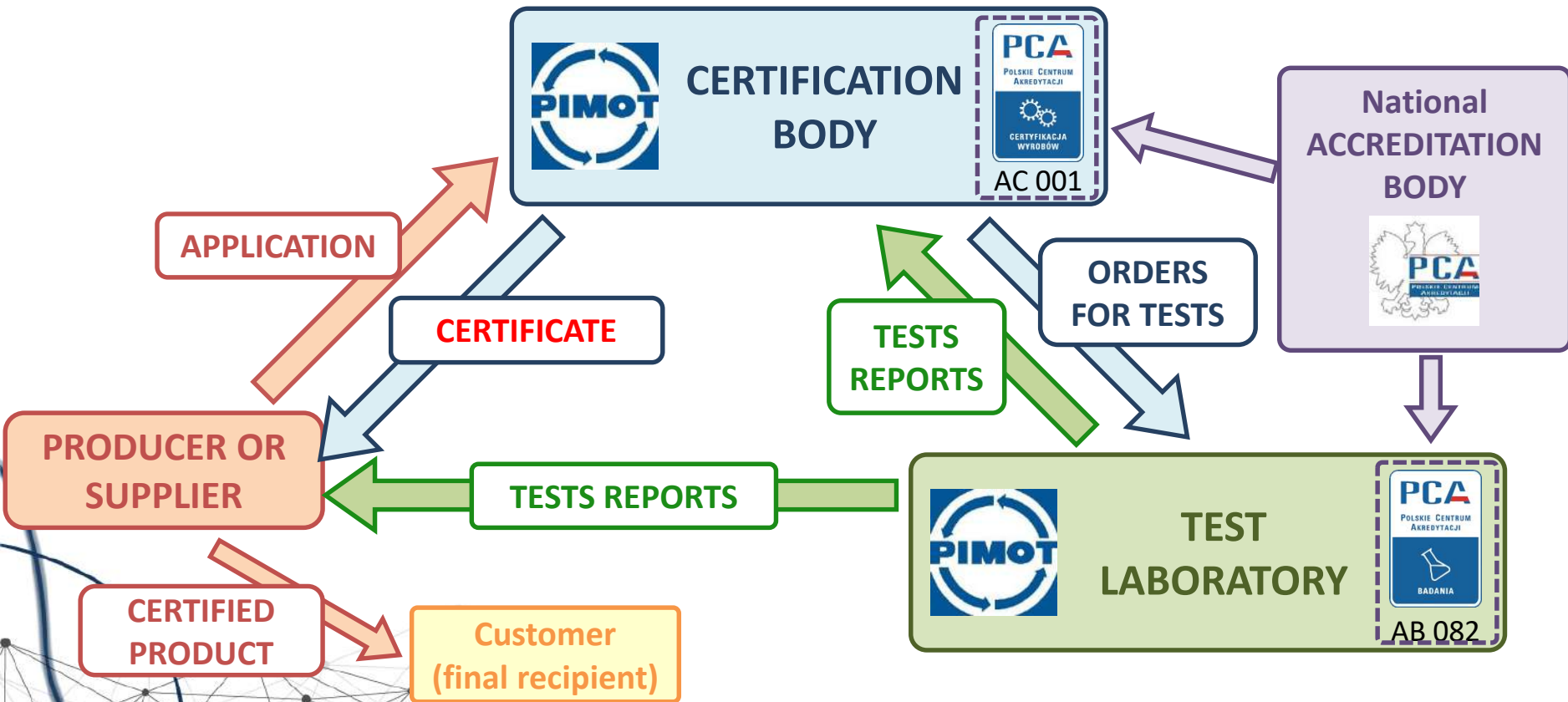
Conducting approval tests

Issue of test report

**Assistance and advice in the
formal part of approval procedure**



PIMOT's place in the products certification system



Certification activities of ŁUKASIEWICZ-PIMOT

STANDARD FOR CERTIFICATION BODY MANAGEMENT SYSTEM:

PN-EN ISO/IEC 17065:2013-03 – Requirements for bodies certifying products, processes and services

CERTIFICATION SCOPE:

- automotive products for the PIMOT's conformity mark and national safety mark
- vehicles for safe transport of cash (mandatory national certification);
- ambulances (EN 1789 standard)
- fuels and biocomponents for fuels
- certification of sustainable biomass RedCert



Current threats related to the market supervision of spare parts

**Not all parts responsible for
vehicle safety are under control
of type approval system**

this results in

**Import of spare parts without
confirmation of their performance and
quality – into national market**

**Direct, unlimited import
from outside of EU**

Rebranding

**Return of used parts into the market –
second life of some parts**

legislative solutions are strongly needed





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THANK YOU FOR YOUR ATTENTION