



**THE AUTOMOTIVE SKILLS ALLIANCE**  
**PACT FOR SKILLS LARGE-SCALE PARTNERSHIP IN MTA ECOSYSTEM:**  
**INTRODUCTION**





AUTOMOTIVE  
SKILLS  
ALLIANCE

# AUTOMOTIVE-MOBILITY ECOSYSTEM IN TWIN TRASITION

OVERVIEW

# MOBILITY TRENDS

Greater boost to digital markets

## SOCIAL



Gen Z on the rise  
 Mobility solutions in broad sense  
 Lack of key competences in the ecosystem

Digital customization of vehicles and limited editions

## TECHNOLOGICAL



Connected vehicles and its use as data generators  
 Advance on autonomous driving and transport  
 Applied artificial intelligence  
 Electric and zero-emission vehicles  
 IoT and liot  
 Cybersecurity  
 3D printing  
 Blockchain  
 Industrialised machine learning  
 Immersive-reality technologies  
 Use of humanoid robots  
 Advanced connectivity  
 Multicriteria analysis simulation  
 Cloud and Edge computing

## VALUE CHAIN



Vulnerable supply chains  
 Road logistics facing a perfect storm  
 Use of intelligent traffic management systems  
 High dependence on US and Asia in the provision of raw materials on strategic components such as microchips

## ECONOMIC AND BUSINESS



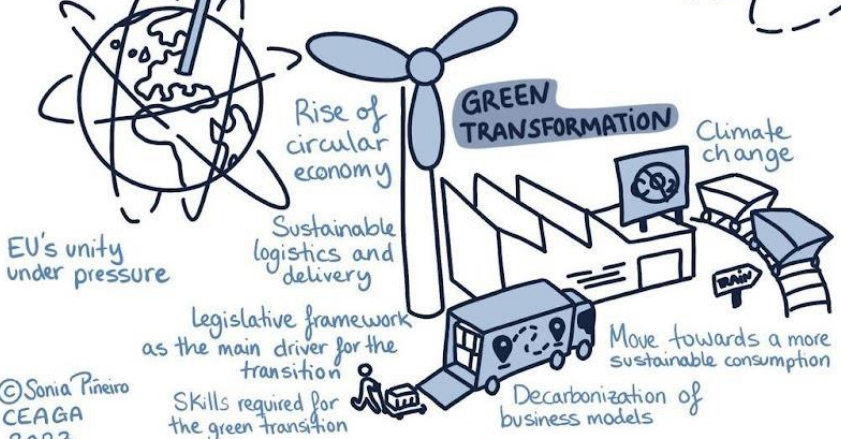
Raw materials as key elements in the economy  
 New era of opportunities for entrepreneurs  
 Employee policies & workplaces  
 "Made in China" to "Made in Europe"  
 Difficulty of suppliers to answer future challenges  
 Embracing agility and digital visibility of value chain  
 Globalization and economic dependence

Conflicts

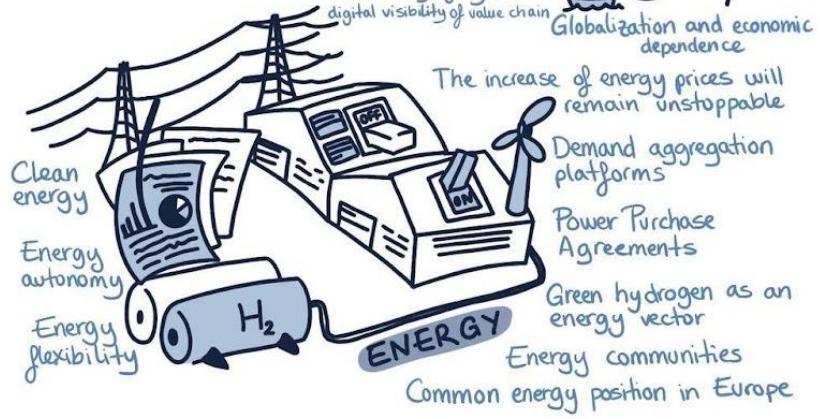


Geopolitical

## GREEN TRANSFORMATION



Rise of circular economy  
 Sustainable logistics and delivery  
 Climate change  
 EU's unity under pressure  
 Legislative framework as the main driver for the transition  
 Skills required for the green transition  
 Move towards a more sustainable consumption  
 Decarbonization of business models



Clean energy  
 Energy autonomy  
 Energy flexibility  
 The increase of energy prices will remain unstoppable  
 Demand aggregation platforms  
 Power Purchase Agreements  
 Green hydrogen as an energy vector  
 Energy communities  
 Common energy position in Europe

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 CEAGA  
 2023

Source:





AUTOMOTIVE  
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# THE AUTOMOTIVE SKILLS ALLIANCE

INTRODUCTION

# Automotive Skills Alliance

- ❖ **Large-scale Pact for Skills Partnership in the Mobility-Transport-Automotive Ecosystem**
- ❖ **Announced and officially launched in November 2020**
- ❖ **ASA became legal entity (non-profit organization) in January 2022**
- ❖ **More than 110 members up to now in various Working Groups**



# Current ASA Members

## Industry



## Social Partners



# Current ASA Members

## Education and Training Providers



SKODA AUTO Vysoká škola



# Current ASA Members

## Other Partners



## Regions and Municipalities



...and more are coming!





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# THE AUTOMOTIVE SKILLS ALLIANCE OBJECTIVES

OBJECTIVES

# ENABLE AND SUPPORT MASSIVE WORKFORCE UPSKILLING AND RESKILLING ACROSS THE MOBILITY-TRANSPORT-AUTOMOTIVE ECOSYSTEM

## COLLABORATION

### Collaboration in the skills partnership for automotive - mobility ecosystem

- Support collaboration on regional and European level
- Initiate new projects
- Mainstream existing projects and initiatives
- Execute up- / re-skilling activities

## SKILLS INTELLIGENCE

### Updated skills intelligence

- Know and share the trends, needed job roles, skills in demand
- Development, guidance to education and training bodies leading to continuous skills needs and updates

## TOOLS

### EU-wide framework for skills, job roles, shared experience and best practices

- Become part of EU-wide accepted system
- Access to education / training courses providers across Europe through ASA database

## BEST PRACTICES & FUNDRAISING

### Platform to exchange best practices and one-stop-shop guidance

- Collaboration on accessing financial instruments available on European and national level for financing skills agenda
- Sharing best practices and learning from each other



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# STRUCTURE OF THE ALLIANCE

COLLABORATION OF MEMBERS IN WORKING  
GROUPS

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[www.automotive-skills-alliance.eu](http://www.automotive-skills-alliance.eu)

# STRUCTURE – MEMBERS PARTICIPATION



## WG 1 Horizontal Issues

Topic: Attractiveness

Topic: Apprenticeship

Topic: Funding



## WG 3 Skills Intelligence

WG 3.1  
Repair and  
Maintenance

 educam

WG 3.2  
Batteries

 Skellefteå  
kommun

WG 3.3  
Hydrogen

 Hydrogen  
Europe

WG 3.4  
Digitalisation

 TRANSILVANIA IT  
CLUSTER

WG 3.5  
Electronics Packaging

 APTE

WG 3.6  
Sys/SW  
Intl. Standards

 Valeo

WG 3.7  
LCA & Env. Footprint

 SPIN  
360

IT & Electronics



## WG 4 Regional Implementation

Topics: Regional Pilot Projects

# COLLABORATION OF ASA MEMBERS TROUGHT PROJECTS

ASA builds upon the work carried out by strategic projects in the skills agenda for the ecosystem & **promotes and facilitates initiation of new projects/initiatives** or support **mainstreaming the existing once**



Blueprint - Automotive Sector  
(Jan 2018 – Mar 2022)



Blueprint - Batteries Sector  
(Dec 2019 – Nov 2023)



**An opportunity to build on the best practices and initiate new projects and collaborations**

Skills Needs and Gaps  
in the Ecosystem

Up-/Re-skilling  
Projects on  
regional/national or  
European level

Development of New  
Training Courses

Forward Looking  
Projects

Centers of Vocational  
Excellence

...any existing/new  
project or initiative



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# ASA's COLLABORATION

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# ASA's Selected Collaboration



ASA Strategic Partnership with



ASA member of



ASA Supporting Skills and Workforce Pillar of ARA



An initiative of the European Commission





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# ASA TOOLS

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**Skills  
Framework**

### Skills framework ([www.skills-framework.eu](http://www.skills-framework.eu))

- One-stop shop **database** for training courses in the **Automotive-mobility ecosystem**
- Definition and recognition of **job roles and skills/competence concepts** using **micro-badges**.
- The training courses linked and **advertised by providers** according to coherent structure and mapping exercise
- More than **140 courses** linked through the framework now



**Learning  
Platform**

### Learning platform ([learn.skills-framework.eu](http://learn.skills-framework.eu))

- Online platform for hosting online courses
- More than 30 online courses now and growing



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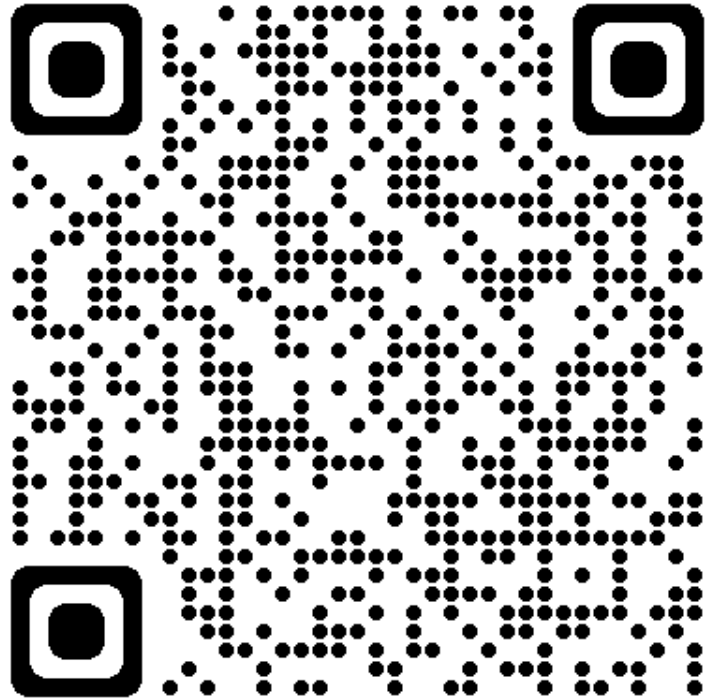
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# BECOME A MEMBER OF ASA

Become Member of the Pact for Skills

# MEMBERSHIP APPLICATION



- Became a member via registration to Pact for Skills in Automotive Ecosystem:
  - [ASA form on the ASA website](#)
  - PFS form with a link to ASA LSP (ID 312))
- If you register to directly to ASA, you are automatically registered to PFS then

# WHO CAN APPLY

- ❖ **A legal entity or a natural person** can be member
- ❖ If a member is a **legal entity**, its membership rights and obligations are exercised through its **legal authority** or designated representative
- ❖ A **natural person** can join **only Working Group 3 Skills Intelligence** as **an expert** in particular groups

*Thank you for your attention !!*



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