

# GL-A-D-S PITCH DECK

GLADS (Global Airbag Data System) is dedicated to resolve a long-standing problem - the production of fake, non-original airbags, the falsification of the presence of airbags in cars, smuggling of airbags, the theft of airbags from cars and their sale on the black market, falsification history data of vehicles. As well as the resulting consequences - unnecessary deaths and hard injuries in car accidents around the world. The situation is with missing seat belts pyrotechnical pretensioners is also seriuos and dangerous. We offer acceptable solution for automative market.



2025



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## - OF CONTENTS

ABOUT GLOBAL AIRBAG DATA SYSTEM 3

WHY IT'S VALUABLE TO INVESTOR



WHAT PROBLEM WE ARE SOLVING



PROJECTED FINANCIAL DATA



WHAT WE HAVE DONE TILL TODAY



PREFERRED PROJECT PARTNERS



HOW GLADS SHOULD WORK



WAYS OF COOPERATION



GLOBAL AIRBAG/SEATBELT MARKET SIZE





### ABOUT ::::: SEEM

Equipment and method for eliminating falsification of vehicle airbag deployment history

Patented in US and Europe: UK, Germany, France, Italy, Spain, Sweden, Belgium, Netherlands, Switzerland.

Europe patent: EP3941788. Valid until 2039.03.18 US patent: US 11,987,193, B2. Valid until 2039.11.04



to the tag



#### **OUR VISION**

• Our vision is to gather a group of strong partners willing and able to implement this project, consisting of a manufacturer of passive safety systems, an operator of car history data, a car technical regulation and standardization company.

#### **MISSION**

• Our mission is to reduce the number of deaths and hard injuries due to falsified, improperly installed and missing airbags, pyrotechnical seat belt pretensioners to a minimum, then to 0. Terms of implementation 3-4 years.

Many cars migrate around the world without any control of passive safety systems. From USA to Europe, From Europe to Africa. Cars repaired in Lithuania, which came from the United States, European Union and other Europe countries, are repaired in Lithuania as well in other countries too, and travel back without airbags or with fake, non original airbags and improper seat belts.

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In 1951, airbags were patented, and the USA was the first to install airbags in cars in 1970. And throughout this period there is an unsolved issue of the presence of airbags in cars that have been repaired after car accidents. 51 years have passed.

#### **PROBLEM**

- Every year, more than a million people die in car accidents around the world, millions hard injured.
- Millions of car accidents in which airbags deploy.
- Thousands of people are killed and injured due to malfunctioning airbags or the absence of airbags.
- Hundreds of thousands of airbags are stolen every year around the world.

#### **SOLUTION**

- A global database combining all countries, passive safety systems and car manufacturers and guarantees access to every car owner.
- A solution based on RFID technology that allows identification of each airbag installed in a new car during his life time period of usage.
- A solution that guarantees 100% operation of passive safety systems, which will make every car buyer feel safe. Not only new, but also used.
- 100% damage to the RFID tag during airbag deployment is guaranteed.
- A solution is incomparably more efficient than existing diagnostic methods.



9-13 percent of fatalities in last 5 years in crashes were due to airbags not deploying or not being present in cars based on their modification. This is official data from Lithuanian Transport Competence Agency. There are similar trends in other European countries. Huge quantities of airbags are stolen every day around the world and sold on the black market.



## WHAT WE HAVE DONE TILL TODAY



VISITED EVENT IN AUTOLIV IN SWEDEN IN 2022



VISITED HEAD OF UNITED NATIONS ROAD SAFETY FUND IN GENEVA IN 2024



VISITED HEAD OF FIA REGION I IN BRUSELLES IN 2023



VISITED 5TH GLOBAL ROAD SAFETY CONFERENCE IN MAROCCO IN 2025



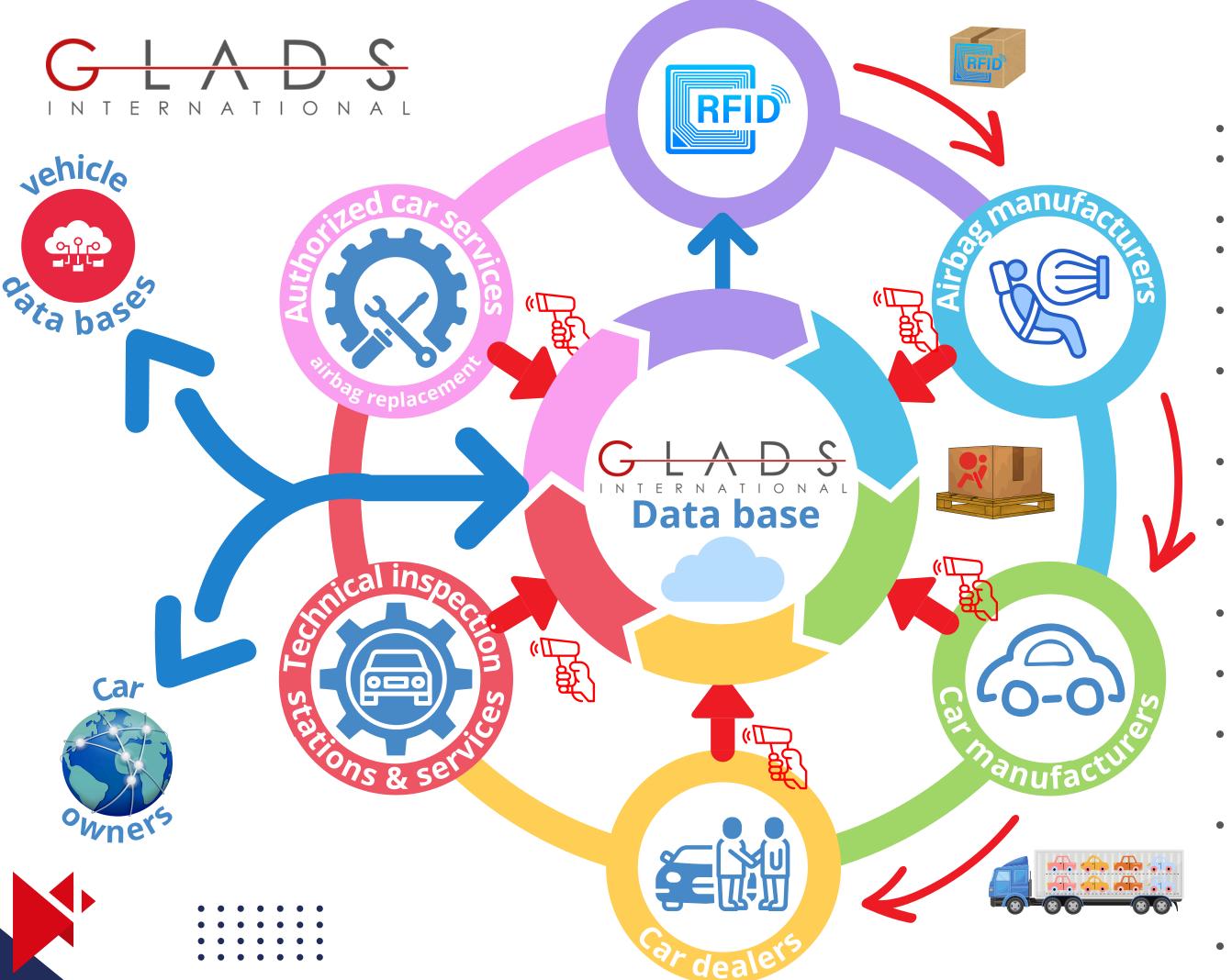
VERY INFLUENTIAL PEOPLE WE HAVE MET WHO SUPPORTING GLADS: JEAN TODT (UN SPECIAL ENVOY FOR ROAD SAFETY), DAVID WARD (GLOBAL NCAP), NNEKA HENRY (UN RSF).

OTHER INFLUENTIAL PEOPLE WE HAVE MET WHO SUPPORTING GLADS: ALEJANDRO FURAS (LATIN NCAP AND TECHNICAL DIRECTOR OF NCAP GLOBAL), EDUARD FERNANDEZ AND GERHARD MÜLLER (CITA), DIOGO PINTO (FIA), EVA BJÖRK (VISION ZERO ACADEMY), EMMA MACLENNAN (EASST).

INFLUENTIAL PEOLPE WE HAVE INFORMED AND WHO SUPPORTING GLADS:

LARS FREDRIK BERG(AIRBAG SYMPOSIUM).

MANY OTHER INFLUENTIAL PERSONS IN AIRBAG MARKET ARE ALSO INFORMED.



#### **HOW IT WORKS?**

- GLADS produces RFID tags in its own factory.
- GLADS programs RFID tags by encrypting their data.
- GLADS enters the data into a database.
- GLADS sends RFID tags to airbag manufacturers.
- The airbag manufacturer mounts the TFI tag on the products\*.
- The airbag manufacturer scans each tag and enters the data into a database. Tags are assign to the specific manufacturer\*.
- An airbag manufacturer sends their products to car manufacturers.
- Car manufacturers install the products in cars, scan and assign a VIN number to the products, enters data into database\*.
- Car manufacturers send cars to their official dealers.
- Car dealers scan the airbags and provide the dealer with an inspection report\*.
- Technical inspections stations scan the airbags, enters data into database and provide the car owner with an inspection report\*.
- Authorized car services replace airbags with new ones, enter new data into the database and provide the seller with their inspection report\*.
- \* MANDATORY WORLDWIDE.

#### **Projected testing report**

**HOW IT WORKS?** 

Code 1 visible
Code 2 encyped
Code 3 encyped
AMA Code
CMA Code
VIN number
CDE Code
TIS code
ACS code
SBM code
Operation 1 date
The name of the operation performed
Operation 2 date
The name of the operation performed
Failures
Missing airbag
Reports printed

Current data	Upda
123456789	123
****	***
****	****
AM*****	<sup>k</sup> MA
CM*****	CM*
****	****
CD123B123	CD12
T ******	TI**
AC*****	AC**
SB*****	SB**
2030-00-00	2030
<b>AIRBAG</b> installed	AIRB
2030-00-00	2030
AIRBAG tested	AIRE
1	0
Front driver	AIRBA
•	_

CMA, CDE, TIC

lated data 45678 \*\*\*\* \*\*\*\*\* \*\*\*\* \*\*\* \*\*\*\*\* 23B123 \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* 0-00-00 **BAG** changed 0-00-00 **BAG** tested **AG** installed CMA, CDE, TIC, ASC

#### **Explanations:**

**AMA -** airbag manuacturer

**SBM -** seat belt manuacturer

**CMA -** car manuacturer

**CDE** - car dealer

**ACS -** authorized car service

**TIS** - technical inspection station



**Report types** 

INTERNATIONA



## GLOBAL \*\*\* MARKET SIZE \*\*

#### NON STOP GROWTH:

MORE VEHICLES
MORE SEAT BELTS
MORE AIRBAGS



~20-28 BN IN 2025 (AIRBAGS) ~18 BN IN 2025 (SEATBELTS)



~40-50 BN PROJECTED IN 2030 (AIRBAGS) ~25 BN PROJECTED IN 2030 (SEAT BELTS)



LEADERS: AUTOLIV, ZF LIFETEC, JOYSON SAFETY SYSTEMS



OVER 600 MILLION UNITS
OVER 400 MILLION UNITS

\* MORDOR INTELLIGENCE, STRAITS RESEARCH, FUTURE MARKET INSIGHTS



## GLADS:::::BENEFITS

Passive safety systems manufacturers

Vehicle history reports providers

**Insurance companies** 

#### UNIQUE SELLING POINT

A more comprehensive database containing data on passive safety elements and it will allow to partners to overtake your competitors and become market leaders.

#### PHYSICAL + DIGITAL SECURITY

Complete car history for customers. It is the absence of passive safety elements that is still a gap. And you can fill it.

#### MAIN FACTOR WHEN CHOOSING A CAR

The car must be safe not only when it is new, but also used – for the entire period of use. It is positive impact on car manufacturers and its dealers brand images.

#### SIGNIFICANT COSTS DECREASE FOR INSURERS

Insurers savings: hundreds of millions USD annually from reduced claims only in USA (according NHTSA data).

#### PATENTED TECHNOLOGY US & EUROPE PATENTS

Patented technology will allow you to confidently create and implement GLADS. This will keep you in business globally for years as long as airbags and seat belts exist.

#### SIGNIFICANT GROWTH IN TURNOVER AND PROFIT

if the goals are achieved and the project is fully implemented, an investor an investor can expect high turnover and profitability.

#### THE REPUTATION OF AN INNOVATIVE AND CHALLENGING COMPANY

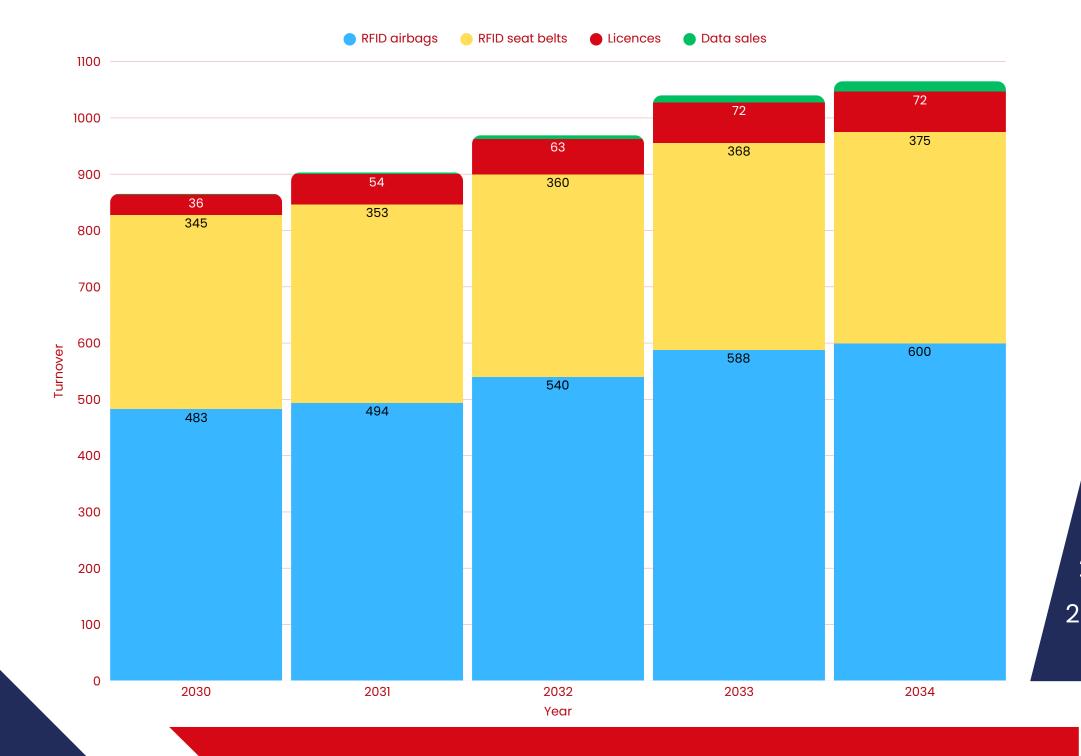
Investor can become the company that accepted a huge challenge, initiated and with partners solved the problem of passive safety systems in the secondary car market, actually saving tens of thousands of lives. Not with words and advertisements in public space, but with real hard work.



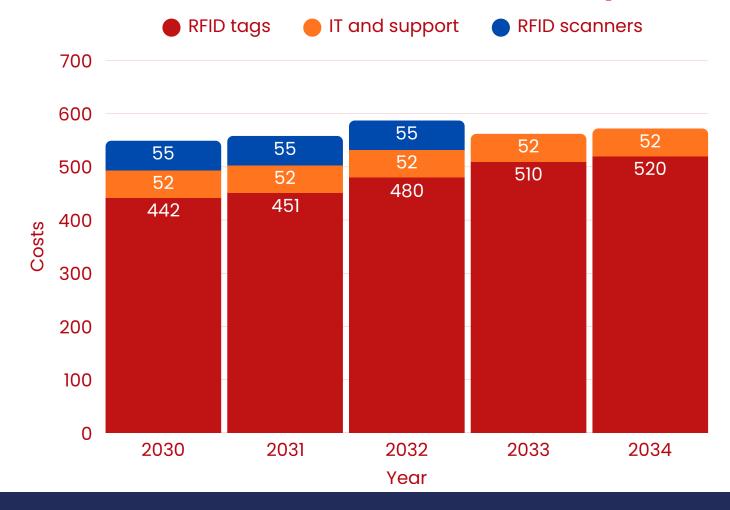


#### PROJECTED DATA FOR 2030-2034

### SALES IN USD, M



#### TOTAL COSTS IN USD, M



Projected RFID tag price to airbag manufacturers VERSUS total costs per tag: 0.70 USD / 0.40 USD

#### Projected tag quantity from 2030 to 2034 in average:

2030: 1.104 m tags (7 airbags and 5 seatbelts, 9.00 USD per car)

2031: 1.128 m tags (7 airbags and 5 seatbelts, 9.0 USD per car)

2032: 1.200 m tags (7,5 airbags and 5 seatbelts, 9.40 USD per car)

2033: 1.274 m tags (8 airbags and 5 seatbelts, 9.75 USD per car)

2034: 1.300 m tags (8 airbags and 5 seatbelts 9.75 USD per car)



### 

The implementation of the project consists of several stages: the first stage – design, production and testing of RFID tags in real conditions with airbags and seat belts. The second stage – after achieving the expected results, i.e. 100% RFID damage by airbag and seat belt pyrotechnics pending lobbying to approve changes in technical regulations for new cars, coordination of data transfer, storage, exchange. The third stage – preparation for mass production. This is the development of software and databases for RFID readers, the design and production of technological equipment for airbag and seat belt manufacturers devices. The last stage is the installation of equipment for airbag and seat belt manufacturers, software installation worldwide and the start-up of the database, RFID scanners distribution, testing the whole process.

Car manufacturer



Vehicle history reports provider

Airbag manufacturer





### WAYS OF COOPERATION

UPFRONT FEE (500.000 EUR) + ANNUAL MINIMUM ROYALTY 100.000 EUR + RUNNING ROYALTY (2% OF NET SALES PER ONE RFID TAG SOLD).

I am ready for cooperation in the implementation of this important, large and responsible project. First step - sign NDA agreement > 30 min video call > discuss prototype co-development. Sincerely yours, Vilmantas Buika, director and owner.



#### Visit us

gladsinternational.com



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