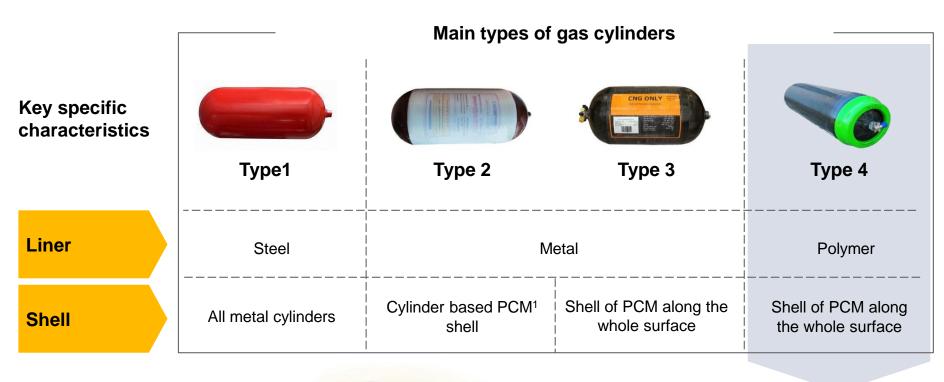
Presentation

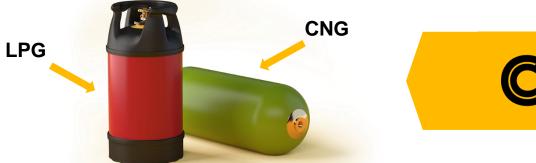


Production of Composite Gas Cylinders (Type 4)



Gas cylinders existing in the market are subdivided into 4 types depending on the materials used, CCA offers polymer composite cylinders of type 4

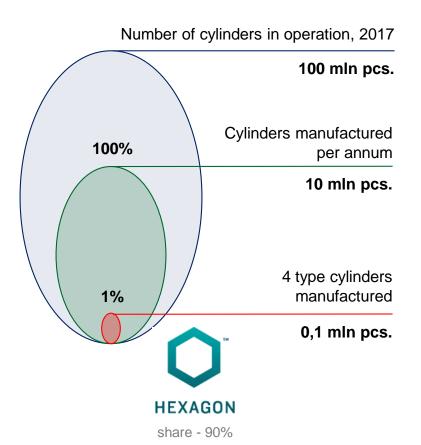




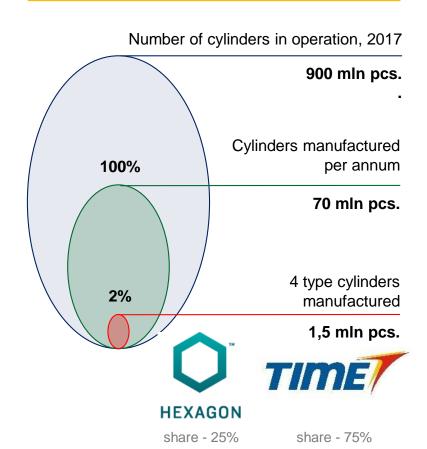
¹ – polymer composite materials

The world market of type 4 composite cylinders for CNG and LPG is monopolized and has a big potential in the area of metal cylinders replacement

World market of CNG cylinders

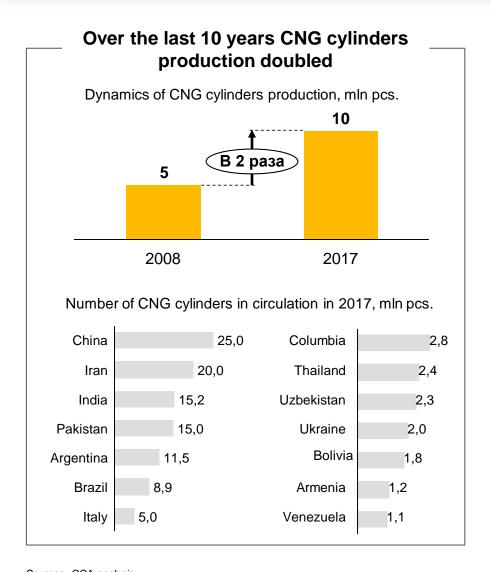


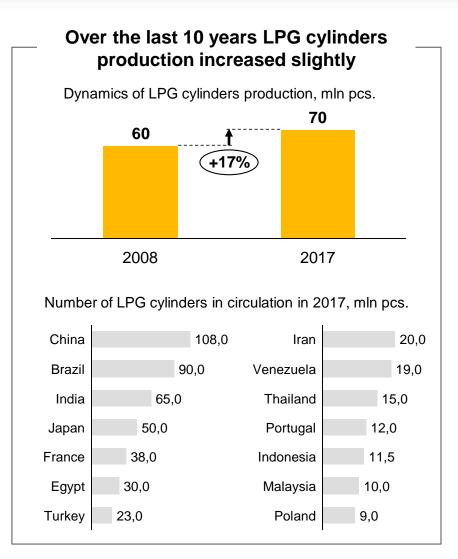
World market of LPG cylinders



Sources: CCA analysis, open sources

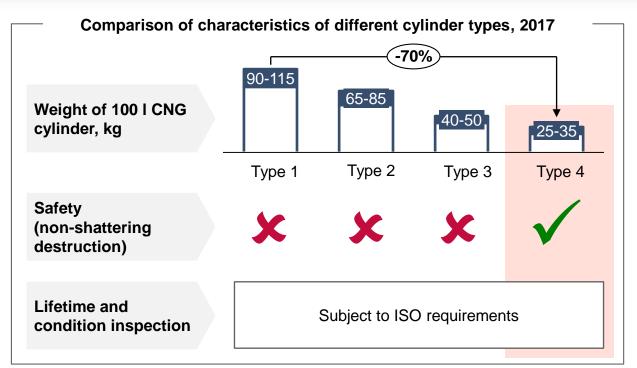
Over the last 10 years CNG cylinders production doubled whereas LPG cylinders production stays at a consistent high level

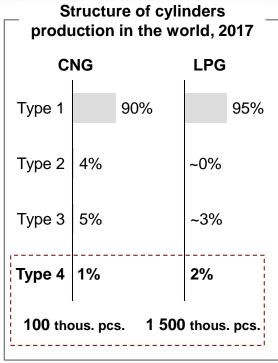


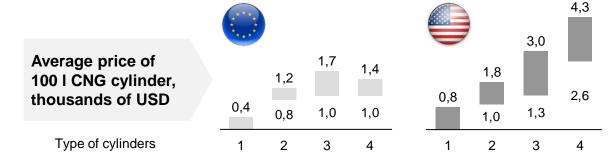


Sources: CCA analysis

Type 4 cylinders are lighter, easier in use and safer than analogues, furthermore one can see great potential of these cylinders share increase in the market



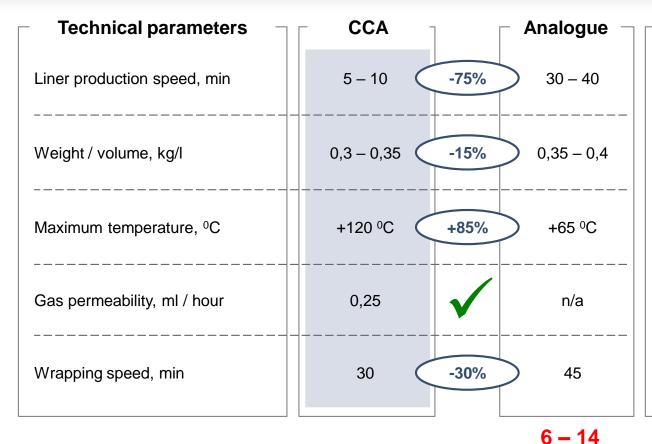




Higher price for CNG cylinders in the US market is explained by Stricter technical requirements for high pressure cylinders set forward by DOT which radically increases cost of their production

CCA cylinders have a lower cost and superior quality in comparison with most analogues

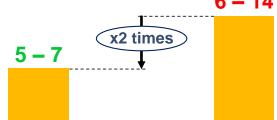




Comments

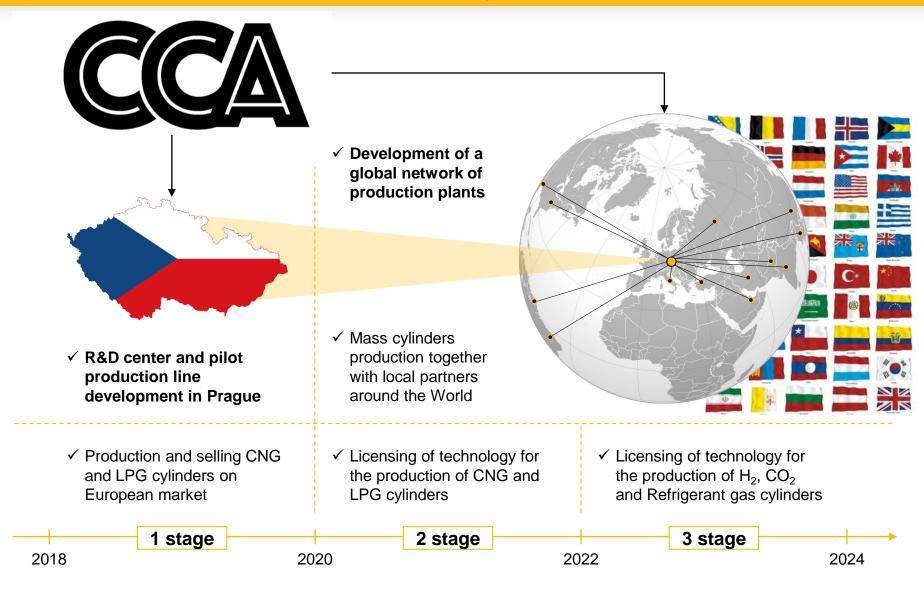
- ✓ A new polymer type is used whose properties and processing methods are superior to traditional polymers
- ✓ Own unique liner making equipment is designed
- ✓ Cylinders will comply with ISO 11119-3:2013
- Own wrapping yarn impregnating unit and unique impregnation agent composition have been designed which will make it possible to reduce impregnation and drying time





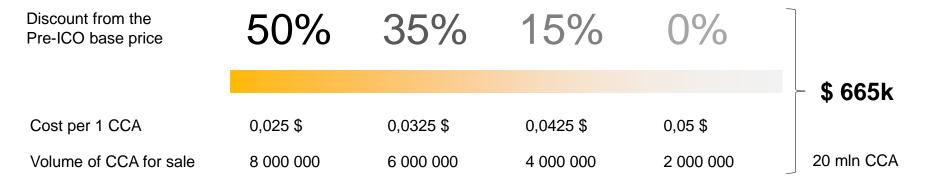
Gross revenue increase and opportunity of entry into new CNG cylinders markets because of replacement metal cylinders on composite ones

The CCA business model includes 3 stages from the production of CNG and LPG cylinders in Europe to the development of a global network of production plants

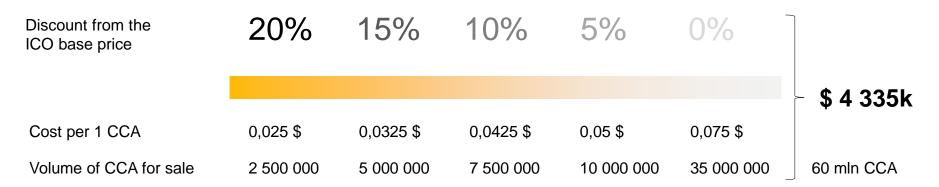


Investments in CCA project is about 5 mln USD. Financing is supposed by selling own cryptocurrency on amount of 80 mln tokens CCA within the framework of ICO

Pre-ICO



ICO



Token Holders have 3 exit strategies: convert tokens to shares of production plants, purchase of composite cylinders and buy-back tokens at a smart contract



Development of CNG cylinder prototype, its certification and production startup will take about 12 months



Joint experience of the team is more than 200 years. The team members have experience of development of type 4 composite cylinders own production process

Project team



Khanif Magsumovich
Makhyanov
Chairman of Board of Directors
Experience 40 years
Setting up of composite cylinders
production plant



Timur Robertovich
Akhiyarov
General Director
Experience 12 years
Strategic management,
investment and finance





President of JNS Enterprises Inc (USA) Experience 45 years Production and sales of cylinders, accessories and natural gas motor fuel storage tanks

John Phillip Noiman, Jr.



Nikolai Alexandrovich
Leontyev
Chief of Production
Experience 15 years
Development of new designengineering solutions in the field of composite materials



Alexander Borisovich
Leontyev
Chief Process Engineer
Experience 40 years
Development of flexible
production systems



Vladimir Sergeyevich Smirnov
Laureate of the Lenin Prize
Experience 60 years
General Director of NPO
"Khimvolokno", Deputy Minister of
Chemical Industry of the USSR



Victor Fedorovich Goriachev
Chief Designer
Experience 30 years
Development and production of scientific solutions



Ainur Bulatovich Motigullin Engineer
Experience 3 years
Technical analysis



Franco Treppo
Production engineering
Experience 30 years
Conception, upgrading and efficiency covering of the production processes

Thanks for your attention



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- team@cylinders.io

Our team is always ready to answer your questions