Ammonia Progressing in China

NH3 Fuel Conference 2018

College of Energy, Xiamen University, China

October 31- November 1, 2018

Pittsburgh, PA
Ammonia Groups

Shenhua Group

Ammonia-fueled vehicles

Ammonia-based hydrogen production facilities
Ammonia Groups

Chinese Academy of Sciences

Ammonia-fueled internal combustion engine program

3 million US$

Collaborating with Australia
The ammonia production groups from 2015 to 2017 are as follows:

- 2015: 76.7
- 2016: 149
- 2017: 151

The NH3 production (10 thousand tons) for these years is:

- 2015: 661
- 2016: 1284
- 2017: 1290

The wasted renewable electricity (billion kilowatt hours) for these years is:

- 2015: 20
- 2016: 149
- 2017: 151

The ammonia production (billions of tons) is as follows:

- 2015: 0.00767
- 2016: 0.149
- 2017: 0.151

The chart shows the ammonia production and related statistics for the years 2015 to 2017.
1/ Renewable abandoned energy

Higher purity, lower cost

2/ Sichuan Hydro Power

Demonstrative project of 5MW

Ammonia production
Xiamen University Group doing....

25kW/66 kW dual fuel power generator
Xiamen University Group doing....

Ammonia fuel boiler
Xiamen University Group planning...

Range-extended fuel cell vehicles

NH₃ to H₂

The blade electric vehicle plan in China
Xiamen University Group planning...
Thank you for your time!