

**INQUIRY INTO DEVELOPMENT OF A HYDROGEN
INDUSTRY IN NEW SOUTH WALES**

Name: Name suppressed

Date Received: 25 February 2021

Partially
Confidential

Advancing The Hydrogen Industry

Introduction...

The Hydrogen Industry is emerging within NSW, Australia and Globally.

A “New Industry” comes with New Technologies, New Products, New Jobs and Job Skills and New Operational Procedures.

Growth of The Hydrogen Industry involves all of the stated elements and more.

With the starting point be an Understanding of Hydrogen!

Government Recommendation...

Development and Publication of an Educational Program on **Hydrogen**:-

- ✓ History of Hydrogen
- ✓ Industry Terminology
- ✓ Industry Authorities
- ✓ Types of Hydrogen via Manufacturing Methods
 - Grey
 - Blue
 - Green
- ✓ Gaseous Hydrogen Characteristics and MSDS
- ✓ Liquid Hydrogen Characteristics and MSDS
- ✓ Gases Hydrogen Product Usage
- ✓ Liquid Hydrogen Product Usage
- ✓ Hydrogen Storage Regulations
- ✓ Advancing the Hydrogen Industry

The program would be best applied to Electronic Learning so that its suitable and available to All stakeholders entering into this New Industry.

Program Development...

Development and Publication of the program is proposed by Elaine Johns and Team via related Business Entities.

Elaine Johns is an Adult Educator within the Human Resources Industry firstly, with a plethora of beyond Product Knowledge; Skills, Experience and Comprehension of Hydrogen as a Product, and Emergence of The Hydrogen Industry.

Elaine Johns is a Consulting Guest Speaker for the United Nations Energy and Environment Division tasked with “Educational Awareness on Hydrogen Technologies and Emergence of The Hydrogen Industry” to Stakeholders including Governmental Representatives and OEM Representatives from multiple nations at UNDP Hydrogen Conferences.

Program Adaptation into an Electronic Medium would be achieved in collaboration with the SkillsOne Group so that they could equally utilise the Educational Material in Career Guidance Sessions that falls within their Business Scope.

Program Costings...

A submission to the NSW Government is for Funding of \$55,000 as a 1 Time Payment with IP Rights transferable to NSW Government or Nominee so that Education can be shared at the Emergence of The Hydrogen Industry – a time critically requiring **Awareness, Safety and Handling**.

Noting, Elaine Johns and Team have already Developed and Published training materials as well as Manufacturing Standards and Mechanical Installation Standards for Hydrogen Technologies that related Business Entities are commercialising. Thus, education to Insurance Underwriter standards and acceptance is known and proven.

Summary...

An Australian Resource is at hand to The NSW and Australian Government as The Hydrogen Industry begins so please consider this Submission.

can be contacted via

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Special Notation...

is a Team Member in Accredited Training Program Submissions to the NSW Government.

This NSW Government Submission is independent to Other Training Submissions as this is one of the 1st Steps in Growing a New Industry, and essentially comes before Accredited Training Programs.