



Executive education through international academic partnerships and knowledge networks

Leon Stille, general manager
Energy Delta Institute, part of New Energy Coalition



**ENERGY DELTA
INSTITUTE** *Energy Business School*

Energy Delta Institute

‘Being the transitional knowledge bridge between traditional and new energy actors’

- Business School founded 2001
- Part of New Energy Coalition
- Focus:
 - Open market programs, courses, incompany training and networking events
 - Yearly training of over 1000 energy professionals
 - Supported by (in-house) academia and expert lecturers
- 50 FTE (13FTE EDI), 6M revenue/yr



Leon Stille

General Manager Energy Delta
Institute | Energy Transition |
Innovation | Education | Hydrogen
| CCUS | Green Gas | Speaker |
Moderator

Continuous learning approach

Continuous learning approaches



Source: Bersin by Deloitte, 2015

Fast changing environment requires constant updates of:

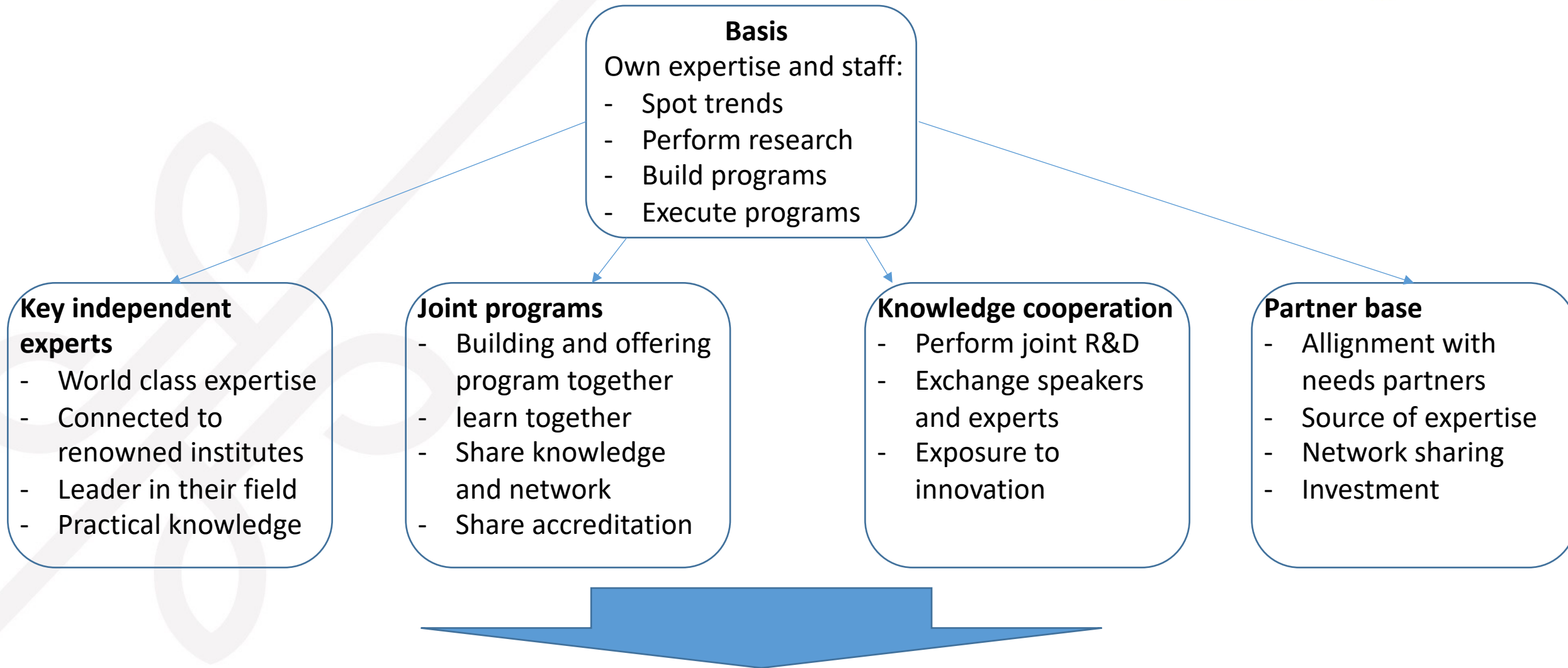
- Knowledge
- Skills
- Network

The basis for this is formal education combined with gradual experience.

However, it needs to be supplemented and updated by informal education → professional or executive education

Executive education follows real world the trends and skills required so requires partnerships to function

Executive education build up



World class professional and executive education



Key examples EDI

Joint Programs

- Executive MBA energy transition → University of Groningen, accredited
- Online Hydrogen program → Inno Energy
- Traineeship Hydrogen → Brunel, accredited
- Traineeship energy transition → Eneco, accredited
- Vocational hydrogen training → EU wide schools, accredited (coming soon)
- Gamification → north sea energy, serious game and Virtual reality

Knowledge cooperation

- Youth Day program → UNICON St Petersburg University
- Petroleum Summer school → University of Zagreb
- Minor waterworld → University of applied sciences Rotterdam
- Micro MBA → Nijenrode University

Joint R&D

- Employability platform
- Hydeta project → international H2 value chain
- Application learning communities H2020

MBA energy transition

There is a mismatch in the energy world in terms of employment:

- The new is growing fast but still small
- The traditional is stagnating/declining faster

SO TRANSITION BETWEEN ONE AND THE OTHER TAKES TIME AND FLEXIBILITY

Interdisciplinary knowledge with practical relevance

The unique interdisciplinary approach of the programme is aimed at helping you to enact change and make connections with real business impact.

- We **connect fields of knowledge and disciplines** to give you in-depth understanding of the interdisciplinary context for successful energy transitions, which have technological, societal, legal, economic, political, spatial and psychological ramifications.
- We **connect the old and the new** to show you how to design and enable effective and controlled transitions.
- We draw connections within and between organisations to show you how to implement **internal changes (motivating employees for change)** and make change possible between organisations within evolving energy systems.
- **Practical relevance** is never out of sight: we look at which ideas are potentially successful, and how to implement them by developing new skills, finding new partners, new business models and new ways of financing.



[https://www.energydelta.org/
executive-mba-energy-
transition/](https://www.energydelta.org/executive-mba-energy-transition/)



[https://www.rug.nl/business-
school/executive-masters/emba-
et/?lang=en](https://www.rug.nl/business-school/executive-masters/emba-et/?lang=en)



E-learning environment

The screenshot shows the user interface of the Energy Delta Institute e-learning platform. At the top, there is a navigation bar with the Energy Delta Institute logo, a search bar labeled "Search content in the platform", and a status bar showing "Active Users: 16 / 300". Below the navigation bar, the main content area is divided into two columns. The left column, titled "My Profile", displays the user's name "Marcella Oldenhuizing" and email "Oldenhuizing@energydelta.nl", along with links for "CHANGE PASSWORD", "MY ACTIVITIES", and "MY PROFILE". The right column, titled "My Courses", features a search bar with "FILTERS" and "Search within results...". Below this, there are two main sections: "Continue to watch and learn" with a "Continue your learning activity!" link, and "New invitation and subscriptions" with a "This is all the new learning content selected for you" link. A "Courses Status" section on the left shows a donut chart with two segments: "1 Not Start..." (blue) and "2 In Progress" (orange).

Home

ENERGY DELTA INSTITUTE
Energy Business School

Search content in the platform

Active Users: 16 / 300

My Profile

Marcella Oldenhuizing
Oldenhuizing@energydelta.nl

CHANGE PASSWORD MY ACTIVITIES
MY PROFILE

Courses Status

1 Not Start...
2 In Progress

My Courses

FILTERS Search within results...

Continue to watch and learn >
Continue your learning activity!

IN PROGRESS
CLASSROOM

Executive Programme
Energy Tra...

English | Learner

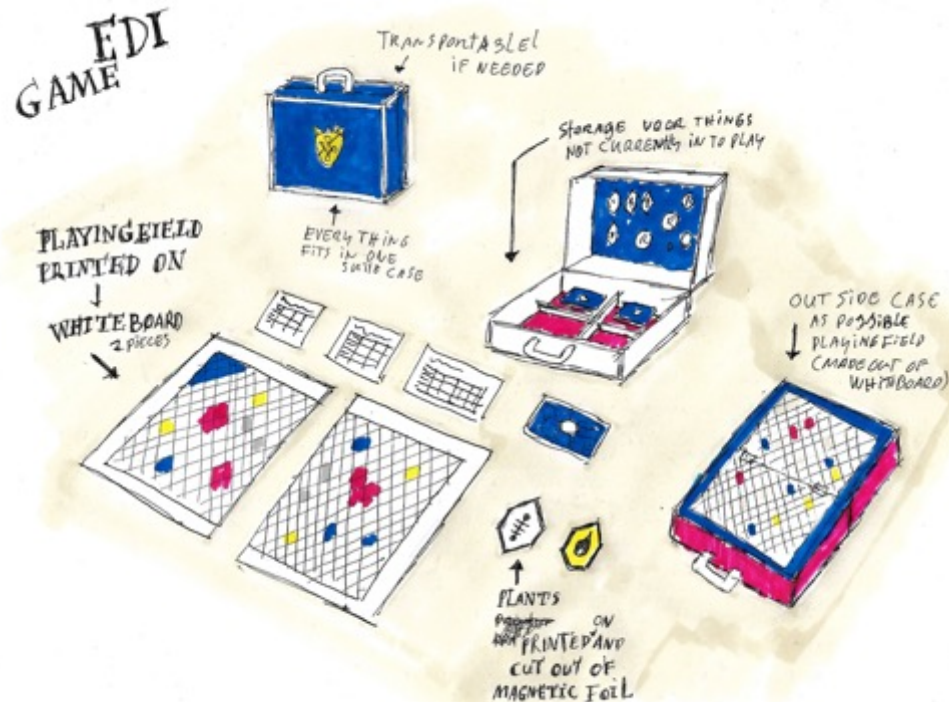
New invitation and subscriptions >
This is all the new learning content selected for you

- Independent learning lines
- Ability to launch stand alone commercial and non commercial courses
- Offering of in companies in their own house style
- Sending of webinars and MOOC's/video's

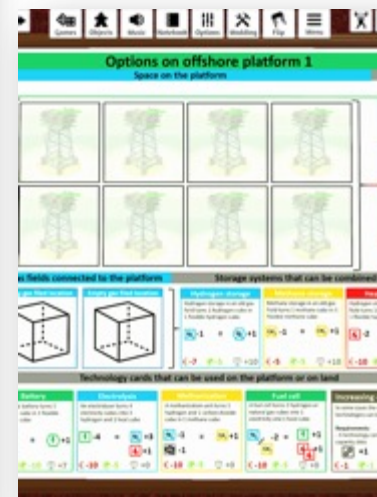


Gamification

Energy transition game



North Sea Energy Game



Increased
interactivity &
engagement
between
participants



Application of
newly acquired
knowledge in
solving "real"
conditions
problems



Learning from
other's
perspectives



Applying a
system
integration
approach



Better
understanding
of the key
players and
their role in the
Energy



Online &
Offline versions



Thank you!

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