

CONNECTING  
cognitive science & big data  
TO CREATE  
adaptive learning solutions

# WE ALL LEARN DIFFERENTLY

Education systems, learning models and lifelong learning programmes are based on a one-size-fits-all framework, which can:

- Deny the value of individuality in learning
- Inadequately nurture individual involvement
- Insufficiently adapt to learner capabilities

The consequence is often less effective learning methods and results.

Domoscio believes in the power of technology to offer personalised learning experiences that enhance learning outcomes.

## ADAPTIVE LEARNING CONNECTING TO CREATE

Using artificial intelligence, big data and cognitive science, adaptive learning addresses all three phases of the learning process:

- **Assimilation**
- **Consolidation**
- **Application**

Adaptive learning uses the data learners generate to:

- Produce personalised learning plans based on individual capabilities
- Recommend methodologies that suit their aptitudes
- Monitor and follow up on progress

This is computed on the basis of individual learners, their learning objectives, their learning history and previous learning content.

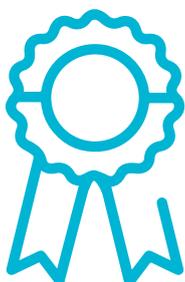
## FROM THEORY TO PRACTICE... WITH REAL RESULTS!\*

### ADAPTIVE LEARNING - 2 MONTHS ON



# 37.1%

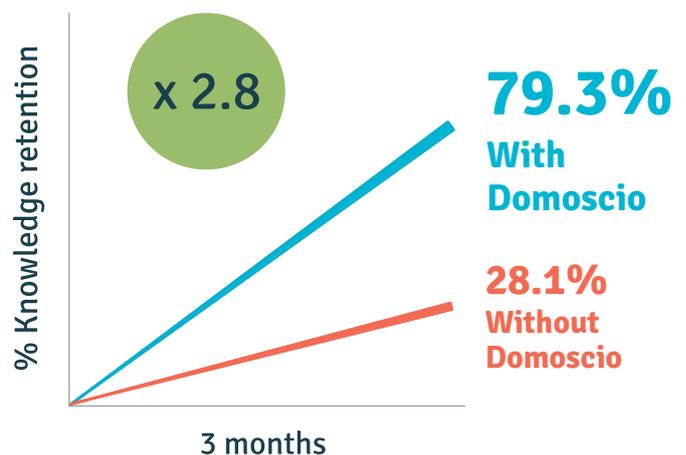
less resources needed to reach learning objectives



# 81.6%

of recommendations have a positive impact

### KNOWLEDGE RETENTION - 3 MONTHS ON



\*According to studies carried out with our clients

# REINVENTING LEARNING

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**ASSIMILATE**



## Through **ADAPTIVE LEARNING**

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As learners seek to assimilate specific concepts, Domoscio's solutions propose assessments, content and other activities adapted around them.



**RETAIN**



## Through **LEARNING CONSOLIDATION**

.....  
After assimilation comes consolidation. This is achieved through spaced repetition. Based on learner data, the algorithm proposes evaluations and tailored revision plans.



**MEASURE**



## Through **LEARNING ANALYTICS**

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Domoscio's solutions analyse learner data to generate user-friendly dashboards, which present insightful data and predictions for different users.

## ADAPTIVELY ADVISING YOU

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Domoscio accompanies you throughout the integration process. Before taking action, we run a diagnostic analysis to identify your needs. We map out the options available and the possible solutions, making recommendations that suit your requirements. We then help implement the solutions and provide assistance.

**Contact us to adopt Adaptive Learning**



**ACADEMIC INSTITUTIONS**



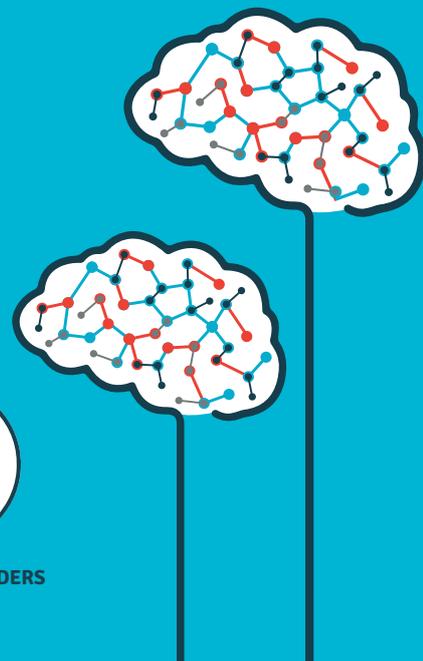
**CORPORATIONS**



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# domoscio

BIG DATA FOR LEARNING

FOR MORE INFORMATION, PLEASE CONTACT US  
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Created in 2013, Domoscio is specialised in big data for learning and adaptive learning solutions.  
The company is recognised, supported, financed and accredited by:

