From LTI tool provider to LTI tool consumer

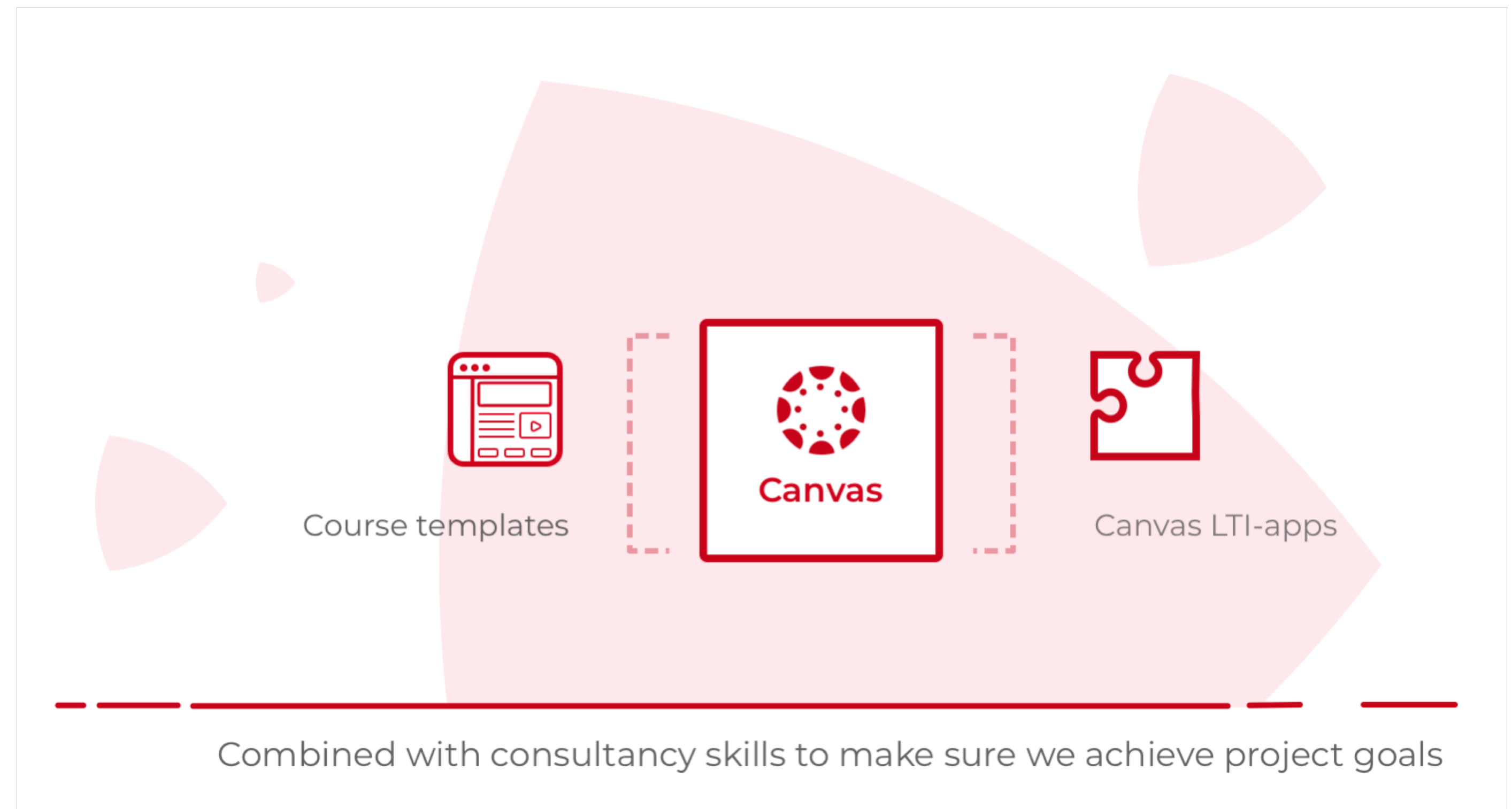**Bart Corbijn**

Co-founder

DRïEAM

Drieam as LTI tool provider: Scale custom development for Canvas with LTI-framework app
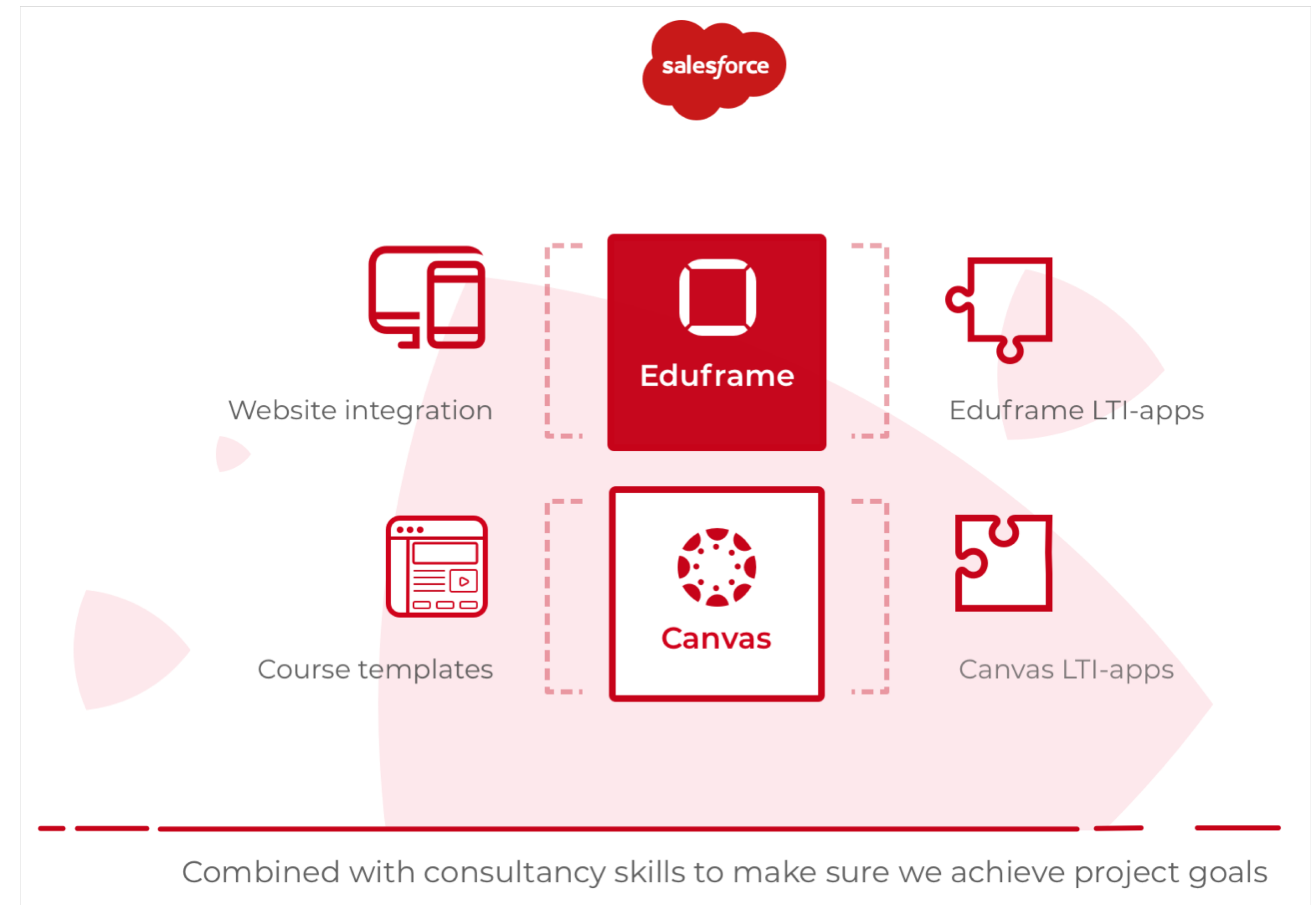
- LTI-framework app to leverage synergies between apps and speed up new app developments:
  - ○ LTI framework is IMS certified in 2018
  - ○ Cross platform validation with Moodle

Course templates Canvas Canvas LTI-apps

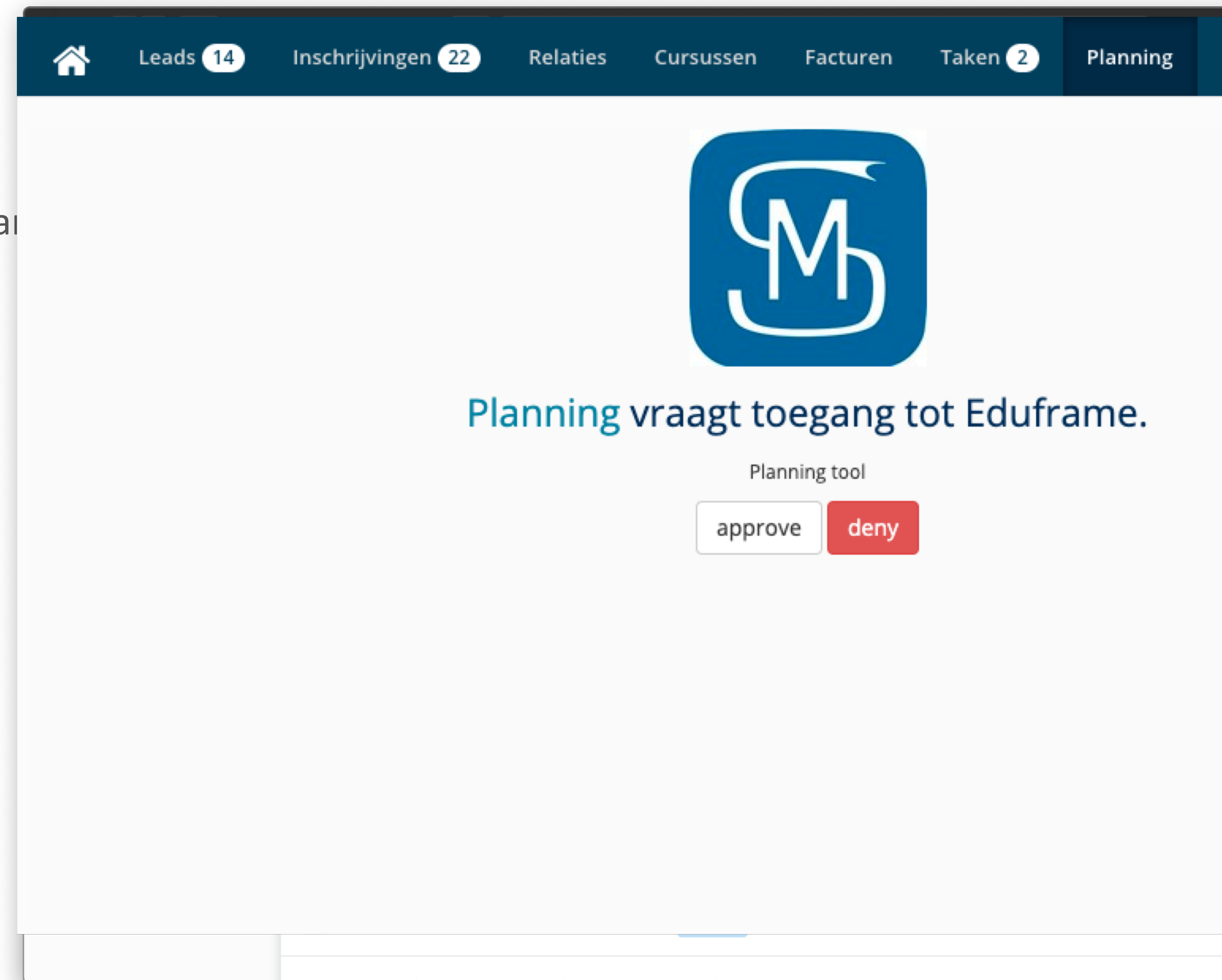Combined with consultancy skills to make sure we achieve project goals

Drieam as LTI tool consumer: Eduframe a student information system for commercial education

- Eduframe is a hassle free course administration and CRM system with a seamless integration to website & Canvas to manage the entire training operation.

- Challenge: prevent pollution of software while enterprise customers demand specific functionality

Combined with consultancy skills to make sure we achieve project goals

Eduframe LTI apps

- Add additional functionality to Eduframe without impacting standard

  software

- Pro's:
  - Re-use of LTI-framework app
  - Visual integration (different placements available)
  - Own database & separate CI
  - Customers have the option to develop apps themselves and

    visually integrate it into Eduframe

Challenges we face going forward

- Implement LTI Advantage to reduce # of API calls:

  - Group and section membership services

  - Generic way of handling platform deletions

- Usage of Iframes impacted by the increased security policies of browsers (cookies)

  - Could IMS share a prefered solution to overcome this challenge?