

OER of Higher Education in Taiwan

OCW, MOOCs and Open Textbooks

OEGLOBAL 2020

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16-20 November, 2020

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Taiwan Open Course and Education Consortium

OCW in Taiwan (2006~)

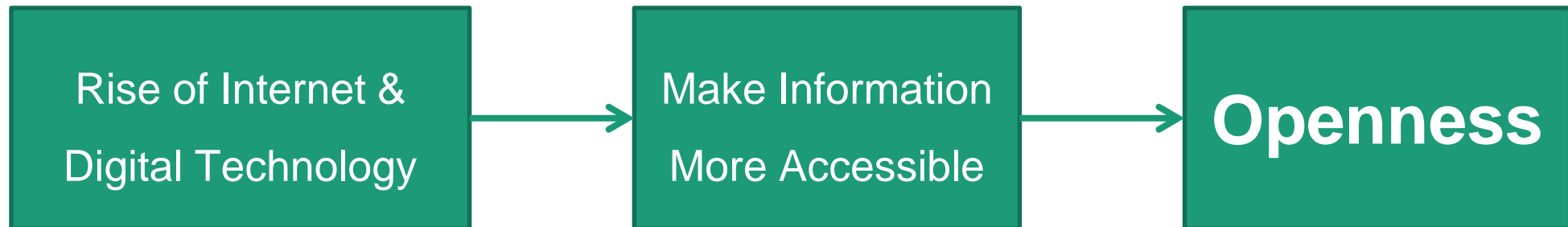
1 OCW consortium – TOCEC (2008)

- TOCEC = Taiwan Open Course and Education Consortium
 - Founded year: 2008
 - Old Name: Taiwan OpenCourseWare Consortium (TOCWC)
 - 20 OCW members
 - 1311 complete video OCW courses



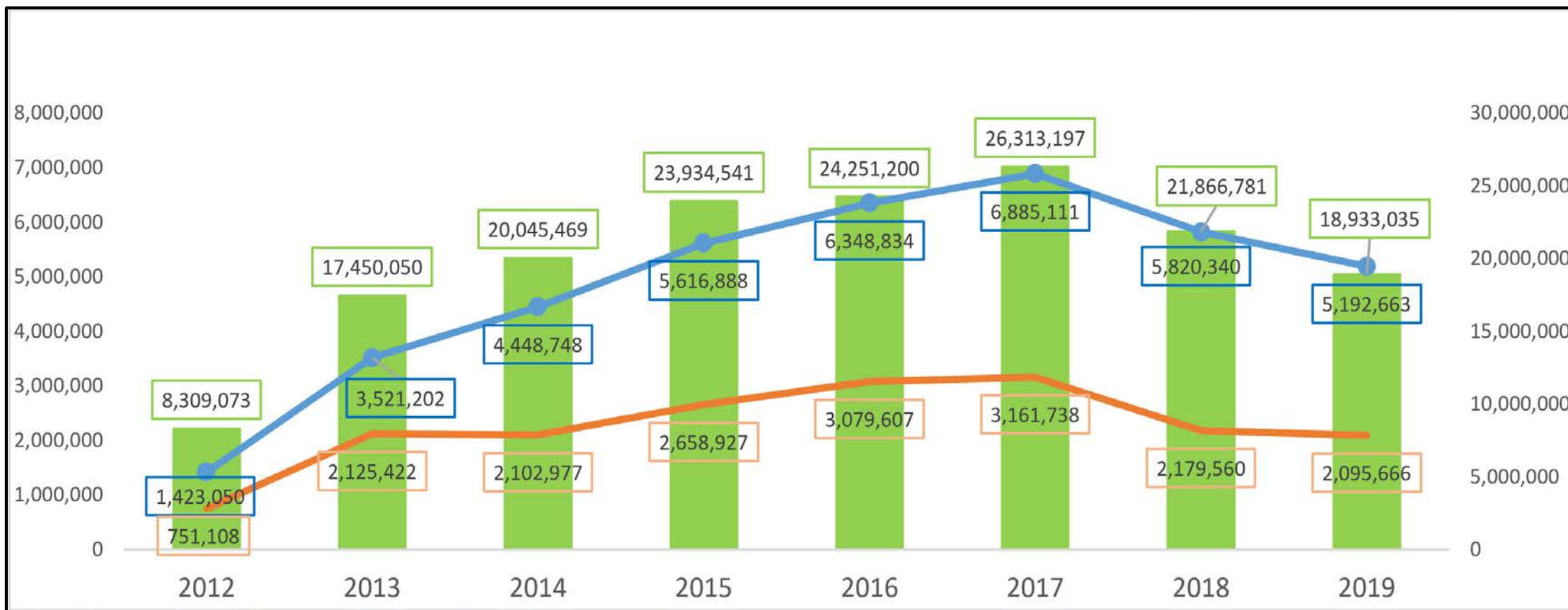
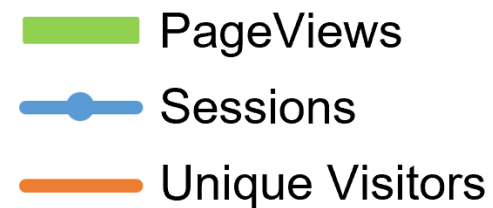
E-Learning → OCW

- OCW was one of the most successful e-learning project launched in Taiwan.
- [UNESCO, \(2014\)](#). *How Openness Impacts on Higher Education*,



OCW in Taiwan

Statistics of Total OCW Usage



OCW in Taiwan

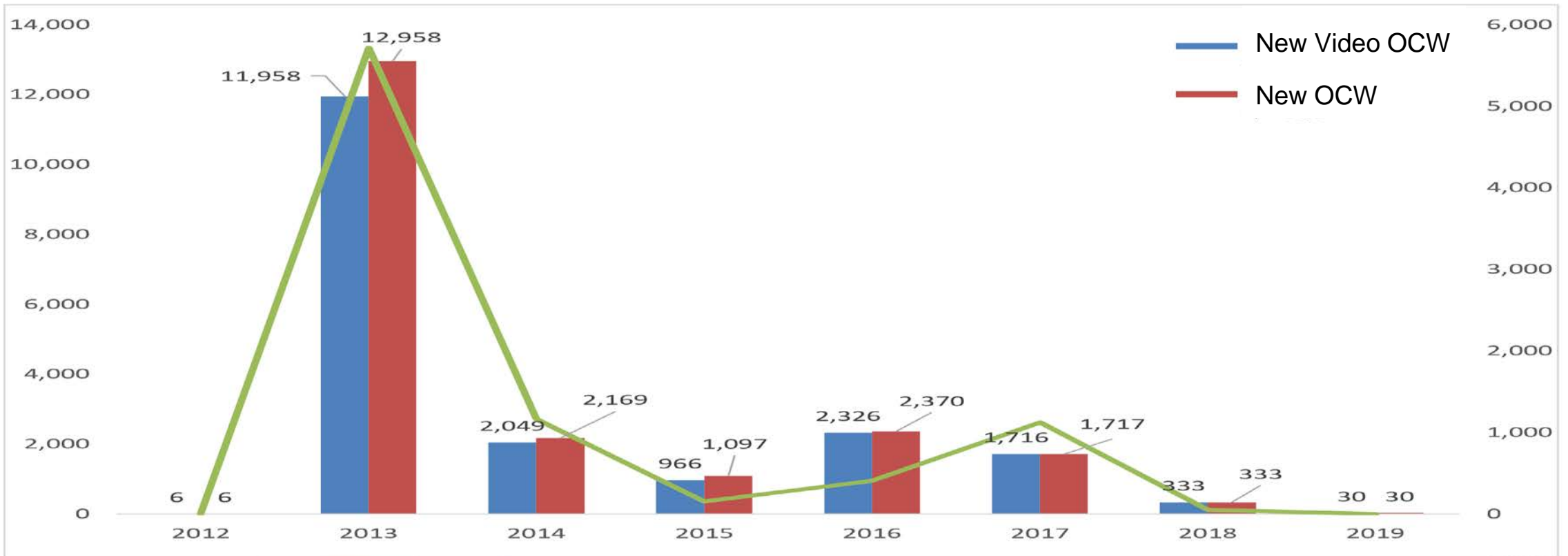
Number of Total New OCW units

2012 ~ 2019

Total Number of OCW units = 20680

Total Number of Video OCW units = 19384

Total Number of Handout OCW units = 8617



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OCW in Taiwan

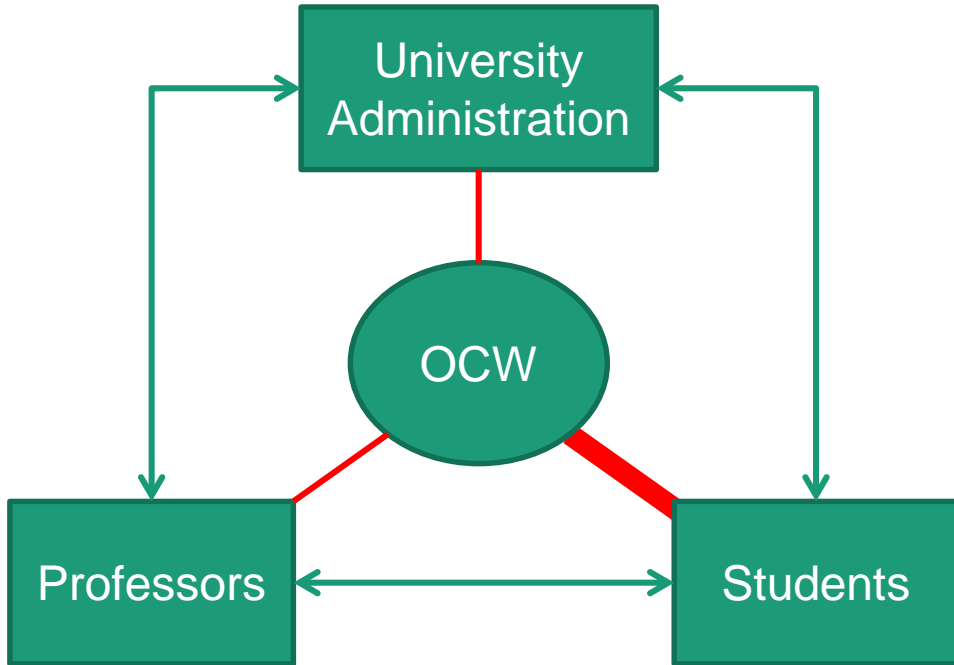
High Popularity of OCW in Taiwan

- Most of OCW course are the video OCW.
- Most of our members assigned their excellent teachers to provide OCW of their favorite classes.
- Our members offered OCW of their special featured research field, which assured the breadth and depth of OCW.
- Most of OCW provide the complete lectures of the classes.



OCW in Taiwan

Challenges of OCW in Taiwan



- **Financial Support Problem**
- **Band Width Problem**
- **Student Attendance Problem**
- **Learning Effect Problem**



OCW (2006~2020) vs. MOOCs (2013~2020)

Number of MS/MA Theses

Keyword = OpenCourseWare or 開放式課程

Total =40

編號	標題	數量
1	2007	1
2	2010	6
3	2011	5
4	2012	1
5	2013	5
6	2014	6
7	2015	5
8	2016	3
9	2017	6
10	2018	1
11	2019	1

Keyword = MOOC or MOOCs or 磨課師

Total =146

編號	標題	數量
1	2014	9
2	2015	28
3	2016	31
4	2017	31
5	2018	21
6	2019	18
7	2020	8



MOOCs in Taiwan (2013 ~ 2020)

1 MOOCs consortium and 4 main MOOC Platforms



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MOOCs in Taiwan (2013 ~ 2020)

Technology Boost of Digital Learning



- Platform Technology Research
- Effective Video Research
- Pedagogy Research
- Business Model Research
- Communication Technology Research

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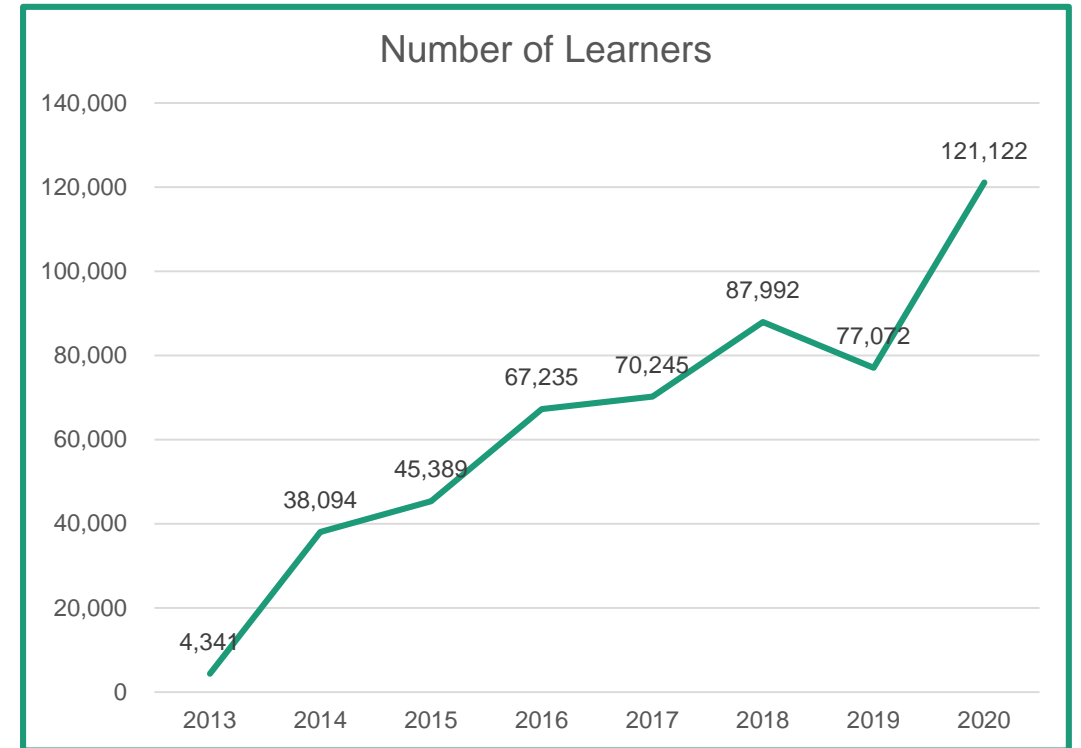
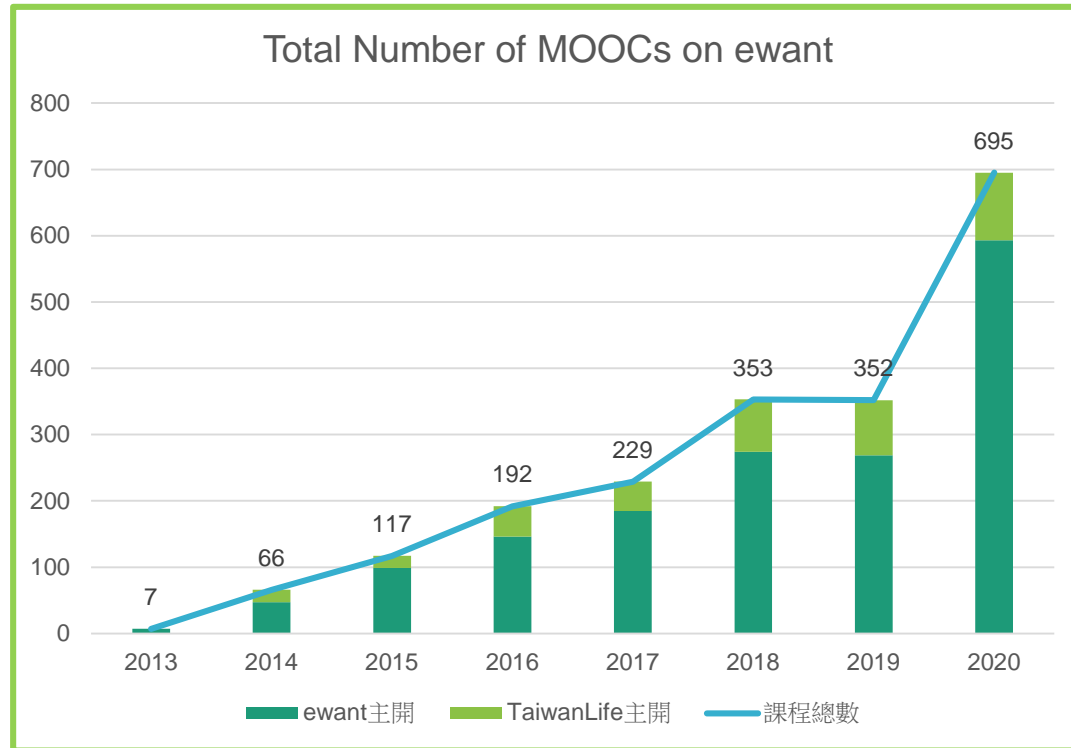
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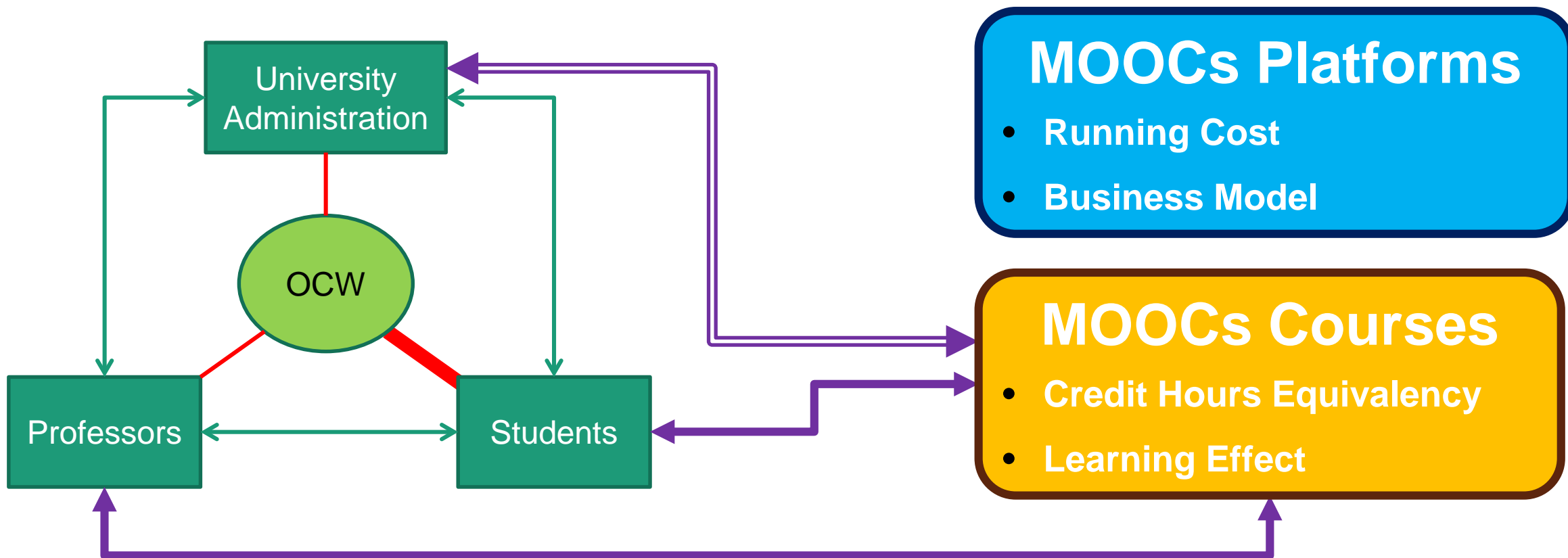
MOOCs in Taiwan (2013 ~ 2020)

Number of MOOCs and Learners on ewant and TaiwanLIFE



MOOCs in Taiwan

Role and challenge of MOOCs in Taiwan





Open Textbooks in Taiwan (2019 ~)

In Taiwan, the open textbooks project was launched in 2019.

- 10 open textbooks seminars
- 41 reviews of open textbooks
- 14 courses adopting open textbooks
- 1 published open textbook
- 1 MS/MA research focusing on open texts





Thank You for listening!

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