

Action Grant
EQAVET - European Quality Assurance in
Vocational Education and Training National Reference Points
Agreement number - 2019 -0493/001-001
Project Nr 609143-EPP-1-2019-1-FI-EPPKA3-EQAVET-NRP



FINNISH NATIONAL
AGENCY FOR EDUCATION



Co-funded by the
Erasmus+ Programme
of the European Union

Knowledge management in YSAO

Niina Puumalainen

Development Director

Ylä-Savo Municipal Federation of Education /

Ylä-Savo Vocational College

ysao

Agenda

- Structure of knowledge management system
- Skills forecasting in YSAO
- During the studies: Real time score card and monitoring
- After graduating

Ylä-Savo Vocational College

Ylä-Savo Municipal Federation of Education / Ylä-Savo Vocational College

- Owned by 8 municipalities
- Operation area: 9310 km²
- Population: 60 000

- Full time students: 1600 study years
- Individual students: 4000

- Quality reward from Ministry of Education 2017
- Theme knowledge management

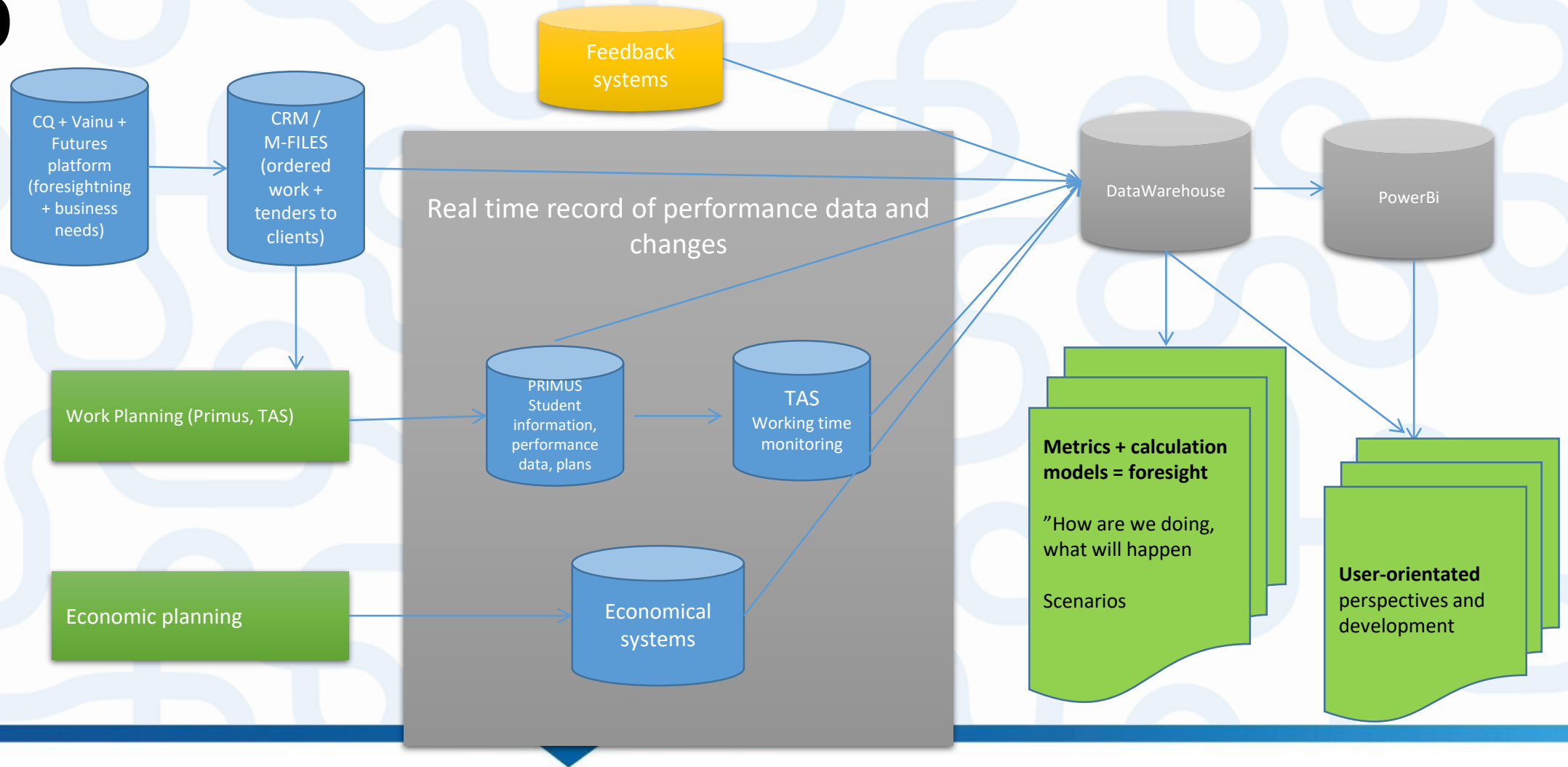
- Sales 20,3 M€

EduSavo Oy

- Established 2015
- Sales 1,2 M€
- Services to companies and individuals



Structure of knowledge management system in YSAO

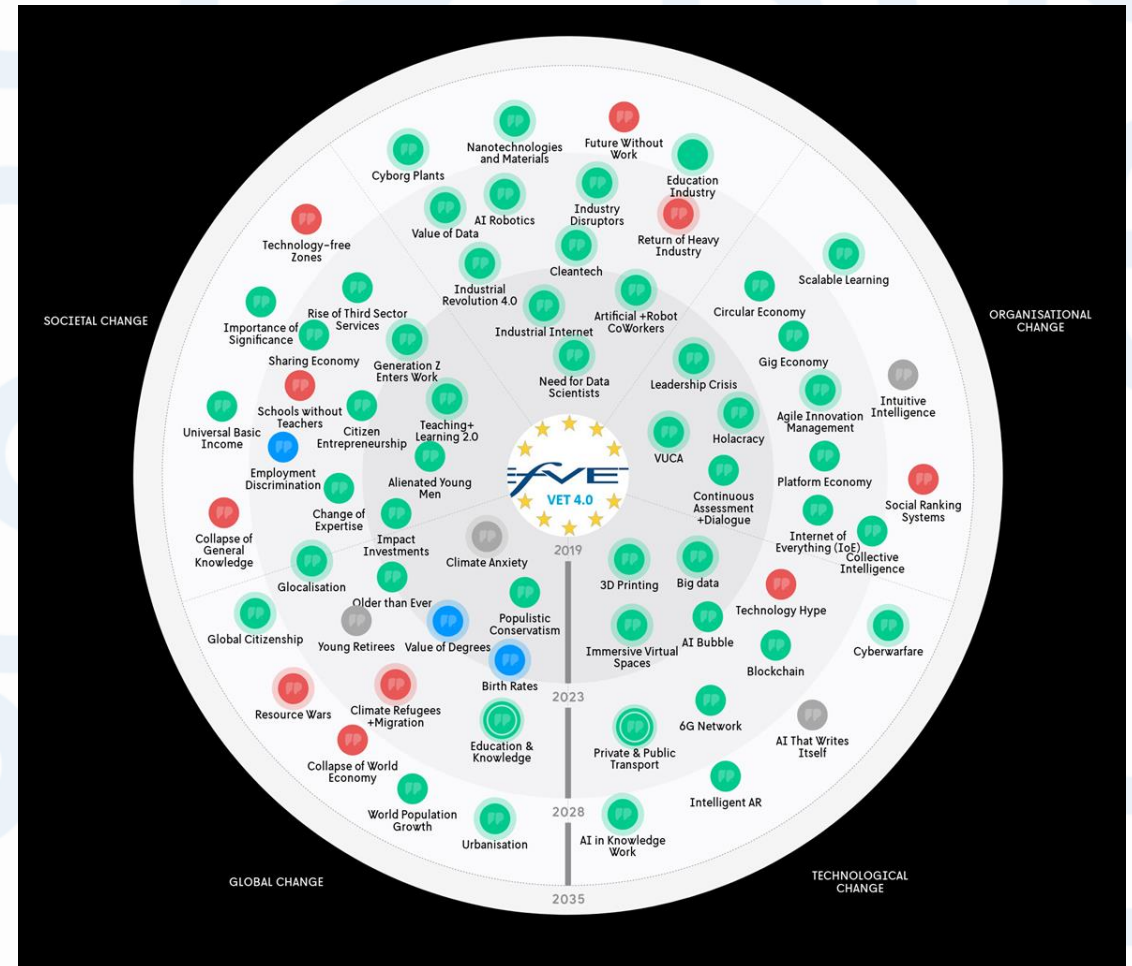


All information can be used anywhere

- All employees have access all information
 - (Except classified information)
- With laptops, tablets, mobile phones

Skills forecasting

- Future trends and drivers for changes: Futures Platform
 - Trend cards and news, radar view, collaborative tools
 - VET 4.0 EU-level
 - YSAO 4.0 college level
- Processing the radar in training teams
 - What does this mean for teaching?
 - What does this mean for our business sector?



Skills forecasting

- Interviews of local companies and other stakeholders:
 - C&Q (competences and qualifications)
 - Training and recruiting needs in companies
 - Emphasis and selections of syllabus
 - Quantitative and qualitative data for decision making
 - training sectors, qualifications, amount of students, locations for training
 - Basic information for skills assesment of teaching and counselling personnel

Skills forecasting

Futures Platform radar views
C&Q reports and analysis

Statistics, reports, analysis (correlations, what if –analysis)
National and international programmes

Sectoral meetings with working life

(2x/year)

Entrepreneur

Employees

Employers

Teachers

(Students and their parents)

Scenarios

Investments


Ideas

Common projects

Etc.

During the studies

- Real time scorecard



YLÄ-SAVON AMMATTIOPISTO

TULOSKORTIT

Tuloskortti

Henkilökohtainen näkymä

Koulutuspäällikkö

STRATEGISET TAVOITTEET

Tavoitteet

VUOSI

2020 ▾

2020

Tuloskortti

Actual situation

Target

Relative situation (up/down)

Trends

Vuosikatsaus

Näkökulmat	Mittarit	Toteuma	Tavoite	Tilanne	Trendi	Tavoitteet
Talous	Toimintakate % (sisäiset ja ulkoiset)	12,04%	2,30%	🟢	↑	☰
	Omavaraisuusaste	82,22%	75,00%	🟢	↑	☰
	Kassan riittävyys	186,49	45,00	🟢	↑	☰
	Toteutuneet kaupat (koulutus)	629 246,20 €	551 900,00 €	🟢	↑	☰
	Kustannukset / opiskelijavuosi	9 668,28 €		—	↑	☰
Asiakas	Opiskelijamäärä	2 544		—	↓	☰
	Painottamattomat opiskelijavuodet, OKM	1 521	1 550	🔴	↓	☰
	Suoritetut perustutkinnot	350		—	↓	☰
	Suoritetut ammattitutkinnot	216		—	↓	☰
	Suoritetut erikoisammattitutkinnot	69		—	↓	☰
Prosessi	Keskeyttämisaste, kokonaiskeskeyttäminen	17,55%		—	↑	☰
	Keskeyttämisaste, negatiivinen keskeyttäminen	6,26%		—	↑	☰
	Läpäisyaste, perustutkinnot	58,46%		—	↑	☰
	Läpäisyaste, ammatti- ja erikoisammattitutkinnot	76,03%		—	↑	☰
	Täpaturmat	46		—	↑	☰
	Työtäpaturmien käsittelyprosentti	34,78%		—	↑	☰
Henkilöstö	Henkilöstön kehityskustannukset	1,22%		—	↓	☰

During the studies

- Indicators:
 - Economy
 - Costs, funding etc.
 - **Customer:**
 - Number of students, student years
 - Feedback (students and working life)
 - Updating of PCDP (personal competence development plan)
 - Students with special needs, support activities
 - Qualifications
 - Credits, competence demonstrations
- Processes
 - Completion
 - Drop out rates
 - Negative rate
 - Safety
 - Introductions
 - Accidents
- Personnel:
 - number of staff (full time, teachers)
 - development discussions
 - training days/person
 - sick leave

During the studies

- Focusing from general to more specific views
 - Field of vocational education: training manager
 - Competence area: teachers, training teams
 - Guidance counselling
- Target levels:
 - Set yearly based on results of last year
 - Continuing improvement
 - Strategic focus:
 - Negative drop out rate
 - Wellbeing of students
 - Individual and digital services
 - Feedback from working life

During the studies: monitoring

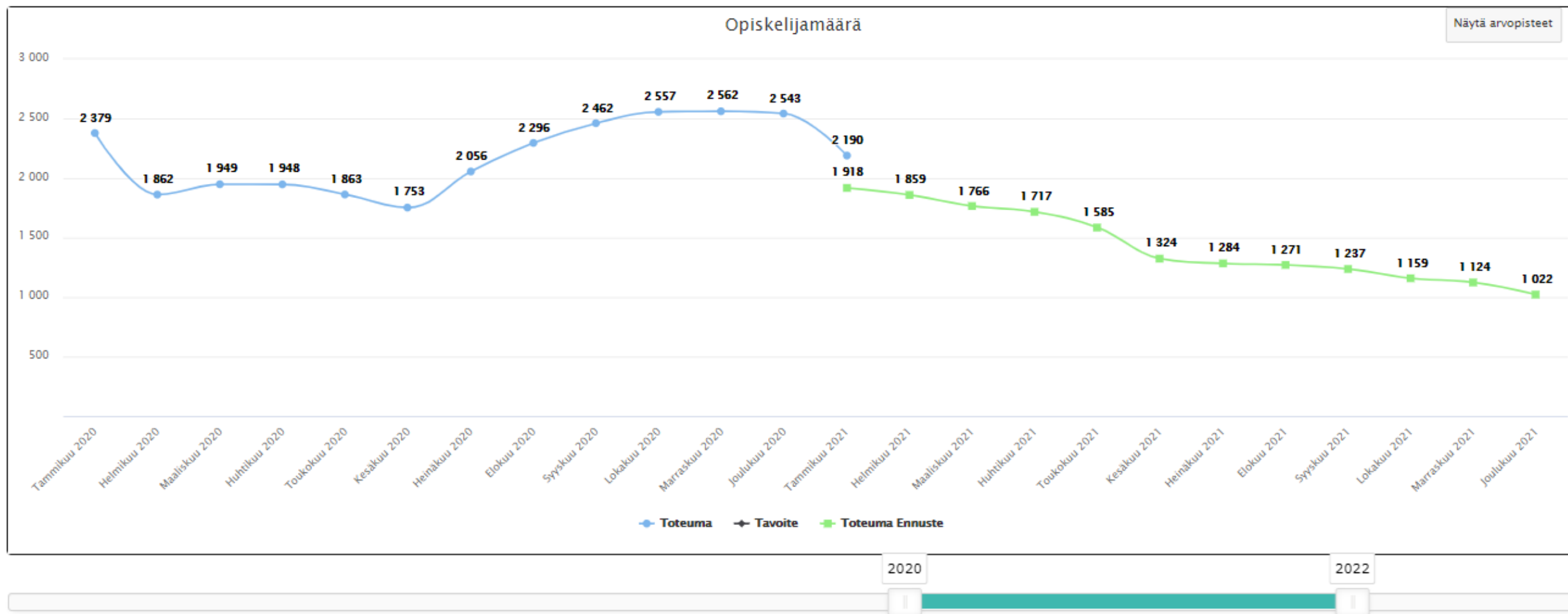
- Personal view of scorecard
 - Alarms
 - Message for person in charge
- Analysis every month:
 - Training teams
 - Management teams
 - Municipal board
- Basis for internal auditing and inspection

During the studies

- Real time scorecard: teacher's view

Tutkinto	Ryhmä	Opiskelija	Aloituspvm	Arv. valmistumin	Opiskeluoike tila	HOKS tapahtuma	Amis-kyselyt	Opintojen seuranta pvm	Osaamispist	Lukuvuoden poissaolot	TJK	Seuraava näyttö	Ennen tuen suunnitelma	Viimeisin tukitoimi
		22921	28.09.2018	28.07.2021	Läsnä 100 %	Päivitys 07.01.2021	Tulo: 02.10.2018	07.01.2021	18	161				
	A19	25401	06.08.2019	31.05.2022	Läsnä 80 %	Päivitys 08.01.2021	Tulo: 16.08.2019	08.01.2021	50	7			25.08.2020 - 31.05.2022	07.12.
		25037	01.07.2019	31.05.2022	Läsnä 100 %	Päivitys 04.01.2021	Tulo: 26.08.2019	04.01.2021	50	31		11.01.2021 - 05.03.2021 Koulutus sopimus		
		25038	01.07.2019	31.05.2022	Läsnä 100 %	Päivitys 13.01.2021	Tulo: 26.08.2019	13.01.2021	27	38			01.07.2019 - 31.05.2022	20.01.
		25036	01.07.2019	31.05.2022	Läsnä 100 %	Päivitys 07.01.2021	Tulo: 26.08.2019	07.01.2021	65	26		13.01.2021 - 05.03.2021 Koulutus sopimus		
		25043	01.07.2019	31.05.2022	Läsnä 100 %	Päivitys 18.12.2020	Tulo: 26.08.2019	18.12.2020	22	63			07.01.2020 - 31.05.2022	19.01.
		25039	01.07.2019	31.05.2022	Läsnä 100 %	Päivitys 25.01.2021	Tulo: 22.08.2019	25.01.2021	26	69				

Organisaatio	Toteuma	Tavoite	Status	Trendi
Ylä-Savon koulutuskuntayhtymä	2 190	0	—	—



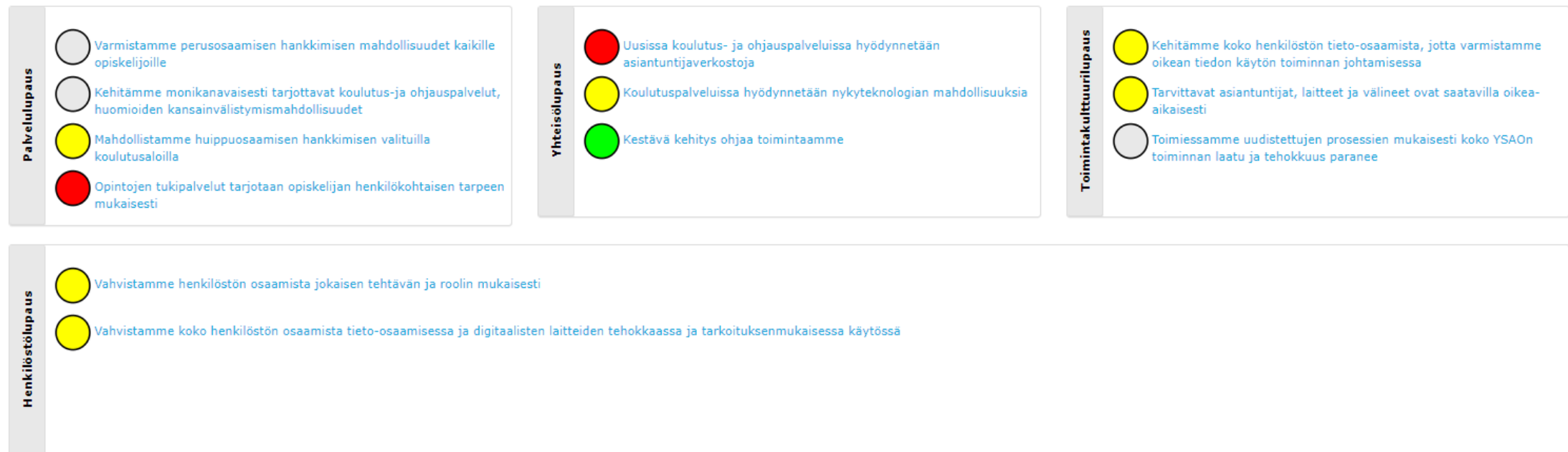
Strategy: follow up

Strategiset tavoitteet

Näytä taulukkona

Omat vastuut

Suodata ▾



After graduating

- Feedback from graduating students
- Student's opinion of own career
 - Continuing studies
 - Employment
 - Entrepreneurship
 - Unemployment
 - Other

After graduating

Regional reports:

Student's status on labour market

Residence

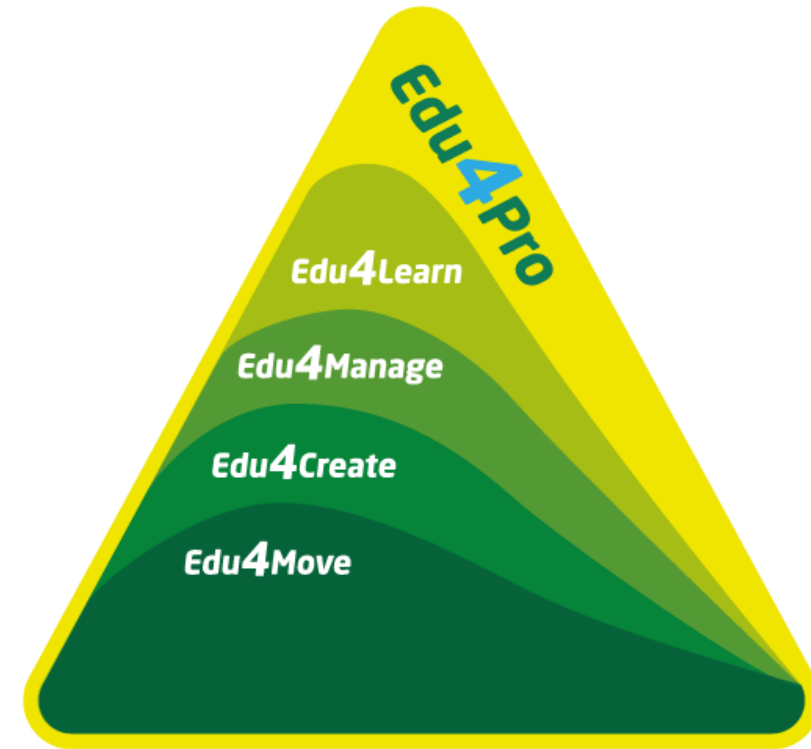
National reports: retrospect

Student's status in labour market

Results compared to other VET providers

Edu4Pro -products

1. **Edu4Move** - Kick Off – how to start
2. **Edu4Create** – process model
3. **Edu4Manage** – knowledge management, tools and systems
4. **Edu4Learn** – training, consulting and evaluating services



Thank you!

Niina Puumalainen

niina.puumalainen@ysao.fi

tel. +358400793026