



BLISS project



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Blockchain oskused IKT professionaalidele - BLISS

4. Semestri ülevaade, tegevused ning väljundid
Aprill – September 2019



BLISS Ülevaade

EESMÄRK

- Tugevdada IKT professionaalide kutsealase õppe võtmekompetentside (initsiatiiv, ettevõtlus ja digitaalsed oskused) pädevust
- Blockchaini tehnoloogia dünaamilise kasutuselevõtu EL majandussektorites tõttu tekkinud olemasolevate ametialaste oskuste nõudluse ja olemasolu ebakõla vähendamine

VÄLJUNDID

- Õppe- ja hindamismaterjalid
- 1 juhendaja käsiraamat
- Kutsealane avatud online kursus (VOOC)
- 3 demonstratiivset töökoda (FR, BE, EE)
- 3 infopäeva (IT, GR, BG)
- Blockchaini oskuste sertifikaat
- 1 kirjalik seisukoha võtt

KONSORTSIUM

1. University Claude Bernard Lyon 1 - Prantsusmaa
2. Business Training - Belgia
3. Tartu Ülikool - Eesti
4. EXELIA - Kreeka
5. Italian Association for computer science and Automatic Calculation - Itaalia
6. TELESIG Ltd. - Bulgaaria



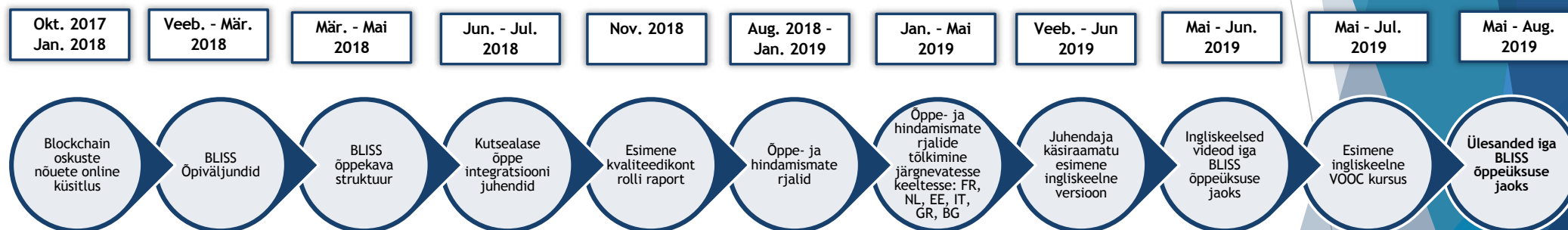
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Saavutused BLISS algusest - oktoober 2017



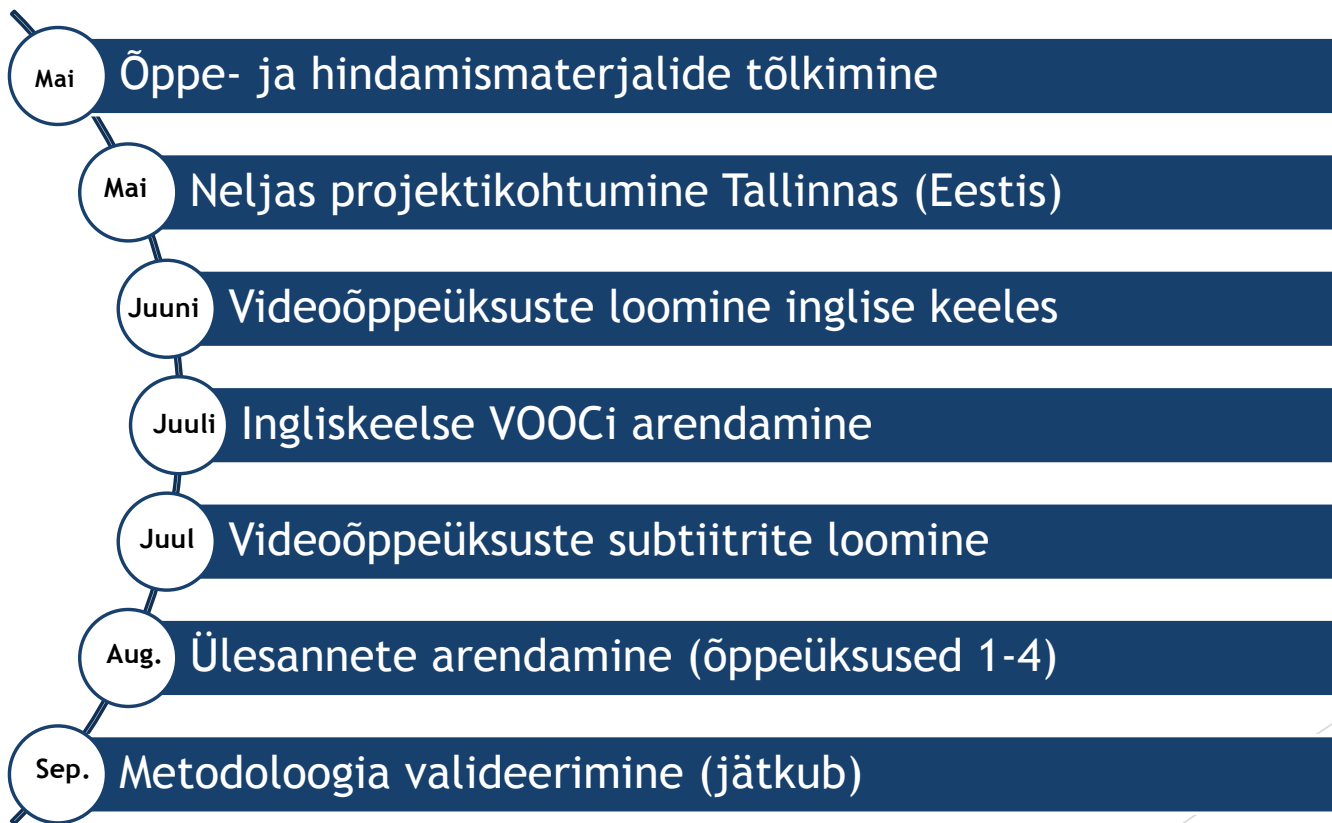
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BLISS 4. semestri tegevused

Aprill - September 2019



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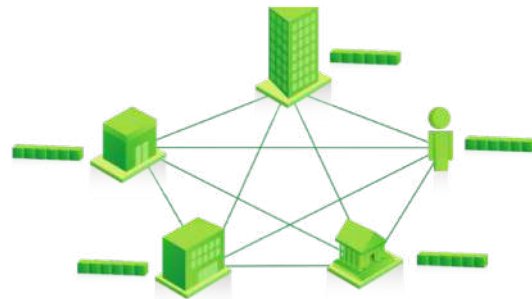
BLISS kursuse ülevaade

➤ Õppeüksus 1: Blockchaini põhitõed IKT professionaalidele

- Anda ülevaade spetsiifilise blockchain rakenduse hüvedest ja pahedest, rõhuga turvalisusel, hajususel ja üksmeele saavutamisel
- Iseseisvalt selgitada targa lepingu loogikat kirjeldatud blockchainikeskses olukorras

➤ Õppeüksus 2: Blockchaini platvormid

- Hinnata kindla hajusa blockchain rakenduse implementeerimise võimalikkust sobivale platvormile
- Anda võimekus kriitiliselt hinnata kindla hajusa blockchain rakenduse detailset testimisplaane



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➤ Õppeüksus 3: Blockchaini kasutamise hüved, väljakutsed ja tagajärjed

- Tõlgendada juriidilisi ja tarbijapoolseid väljakutseid blockchaini omaksvõtu ja nõuetele vastavuse laiendamisel
- Blockchain tehnoloogia jälgimine ja kasutuselevõtt ärimudelites
- Analüüsida blockchaini SWOT-meetodil (tugevused, nõrkused, võimalused, ohud) spetsiifiliste tööstusvaldkonna olukordade jaoks
- Selgelt esitlana blockchaini valdkonnas kasutatavaid ärimudeleid
- Selgitada blockchaini piirangutest tulenevaid ärivõimalusi



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BLISS kursuse ülevaade

➤ Õppeüksus 4: Blockchaini rakenduse praktiline kavandamine ja arendamine

- Kriitiliselt hinnata blockchaini lahenduse tehnilisi võimekusi erinevates praktilistes olukordades
- Analüüsida valitud blockchain lahenduste sobivust kirjeldatud olukordades
- Võtta arvesse kavandustrite ja varasemate lahenduste taaskasutusest tulenevat arendamise, haldamise ja jõudluse optimeeringut.
- Iseseisvalt analüüsida rakenduse arendamise edukust



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BLISS kutsealase avatud online kursus (VOOC) blockchaini oskuste jaoks IKT professionaalidele

- Online kursus koosneb õppeprogrammist, mis on sihiga toetada IKT professionaale blockchainiga seotud oskuste ja kompetentside arendamist, et aru saada, töötada ning hallata blockchaini projekte, aidates neil ennast kursis hoida tööturu suureneva nõudlusega.
- Iga õppeüksuse lõpetamise järel on saadaval online testid, valikvastustega küsimused ja ülesanded, mis aitavad õppuritel aru saada teemakohastest ideedest.
- Kasutades näidislahendusi ning ettepanekuid teistelt õppuritelt (kui neid on), saavad kõik õppurid enda tööd ise hinnata. Ülesanded on aru saamiseks ja arendamiseks, mitte hindamiseks. Soovitame õppuritel oma lahendusi omavahel arutada enne, pärast ning enesehindamise protsessi ajal.
- Läbimise sertifikaat on soovi korral saadaval pärast kursuse edukat läbimist.



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BLISS online kursuse kohta...

- Ligikaudne kestus: 6 nädalat
- Ajakulu iga nädal: 10 - 15
- Keeled: inglise, prantsuse, hollandi, itaalia, eesti, kreeka, bulgaaria
- EQF tase: 5
- 4 õppeüksust
- Kontekstuaalsed õppe- ja hindamismaterjalid iga õppeüksuse jaoks
- Aruteluforum õppurite omavaheliseks ideede vahetuseks

Kahenädalane pilootkursus inglise keeles algab **Esmaspäeval, 23. septembril...**
registreerige tasuta

BLISS kursuse kohta <https://www.openlearning.com/courses/bliss-mooc>



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OpenLearning

About Outcomes Instructors JOIN NOW

BLISS - Blockchain Skills for ICT Professionals

BLISS
Online Course

blockchain, distributed ledger, cryptography, cryptocurrencies, smart contracts, bitcoin, peer-to-peer network

Blockchain - the technology underpinning smart contract platforms (e.g. Ethereum), digital currencies (e.g. Bitcoin) and digital payment clearing systems (e.g. Ripple) - is a technological innovation that is revolutionising industry/public sector and driving economic change on a global scale by reducing the cost of transactions and the time/cost of working through intermediaries. According to the World Economic Forum, 10% of economic transactions/exchanges (globally) are expected to be stored with blockchain technology by 2020. The demand for blockchain related skills, such as comprehending the merits of blockchain technology and delivering practical blockchain technology solutions for business and public administrations, in the ICT sector evolves quickly making continuous professional updating and development of such core competences essential. The BLISS MOOC is a comprehensive online course on blockchain technology and practical applications that allows learners to follow flexible learning pathways for strengthening their key digital and entrepreneurial skills.

JOIN NOW

JOIN NOW



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BLISS online kursuse kohta...

<https://www.openlearning.com/courses/bliss-mooc>

Welcome to BLISS VOOC!

Blockchain - the technology underpinning smart contract platforms (e.g. Ethereum), digital currencies (e.g. Bitcoin), and digital payment clearing systems (e.g. Ripple) - is a technological innovation that is revolutionising our society and driving economic change on a global scale by reducing the cost of transactions and the time lapse of working through intermediaries. According to the World Economic Forum, 10% of economic transactions and exchanges (globally) are expected to be stored with blockchain technology by 2027. The demand for blockchain related skills, such as communicating the merits of blockchain technology and delivering practical blockchain technology solutions for both businesses and public administrations, in the ICT sector evolves quickly making continuous professional up-skilling and development of such core competences essential. The BLISS VOOC is a comprehensive online course on blockchain technology and practical applications that allows learners to follow flexible learning pathways for strengthening their key digital and entrepreneurship skills.

BLISS
Online Course

About the project

The BLISS project, funded under the Erasmus+ programme, forms a Strategic Partnership to improve the skills and competences of ICT professionals by developing and making available educational resources and materials to address existing occupational needs and mismatches resulting from the dynamic penetration of blockchain technology across main sectors of the EU economy such as banking, accounting, auditing and government services. For more information, please visit: <https://bliss-project.eu/>

Getting Around For Students

First time on OpenLearning? Click on the **Learning Units** tab in the side bar to access the course content and activities. On mobile, the navigation is located in the ☰ menu. To move forward after you've done an activity, scroll to the bottom of the page (be sure to check out what your fellow learners have said along the way) and click on "next page". All activities must be attempted to reach 100% and complete the course! Nevertheless, the modular format of the course allows you to choose those materials and activities that best address your individual training needs and priorities.

FAQs
Frequently Asked Questions ???



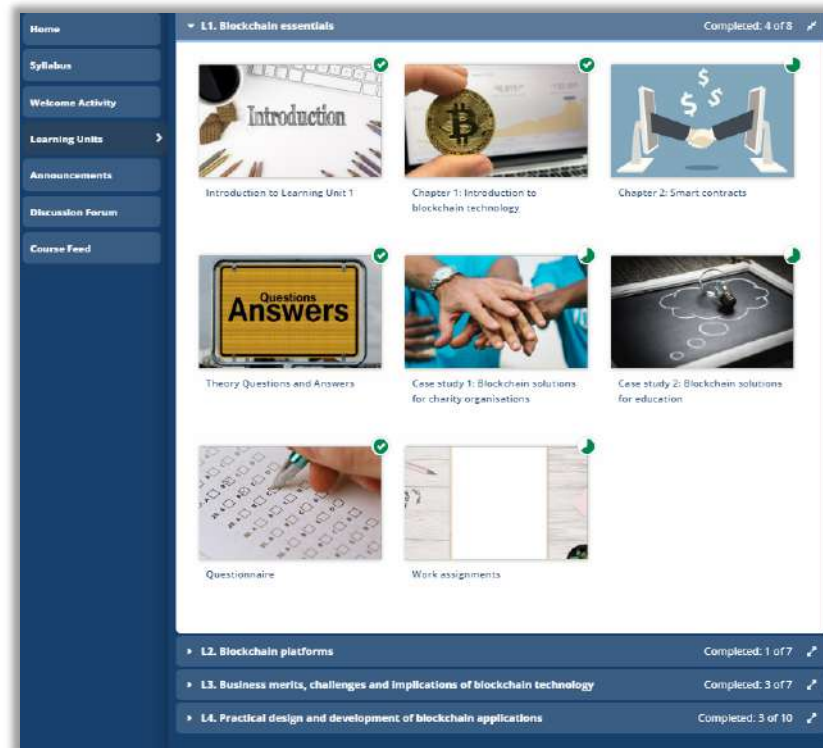
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BLISS online kursuse kohta...

<https://www.openlearning.com/courses/bliss-mooc>



The screenshot displays the course interface for '1.1. Blockchain essentials'. The left sidebar contains navigation options: Home, Syllabus, Welcome Activity, Learning Units, Announcements, Discussion Forum, and Course Feed. The main content area shows a grid of learning units, each with a thumbnail image and a title. The units are: 'Introduction to Learning Unit 1', 'Chapter 1: Introduction to blockchain technology', 'Chapter 2: Smart contracts', 'Theory Questions and Answers', 'Case study 1: Blockchain solutions for charity organisations', 'Case study 2: Blockchain solutions for education', 'Questionnaire', and 'Work assignments'. Each unit has a green checkmark in the top right corner, indicating completion. At the bottom, there are three more units: '1.2. Blockchain platforms' (Completed: 1 of 7), '1.3. Business merits, challenges and implications of blockchain technology' (Completed: 3 of 7), and '1.4. Practical design and development of blockchain applications' (Completed: 3 of 10).



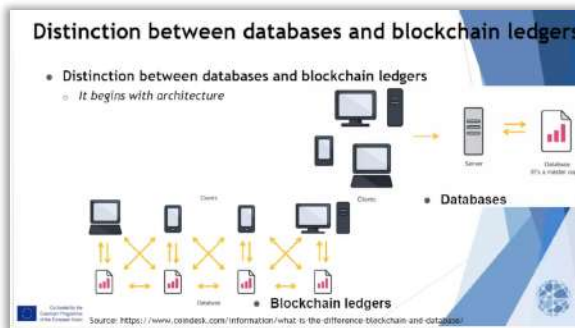
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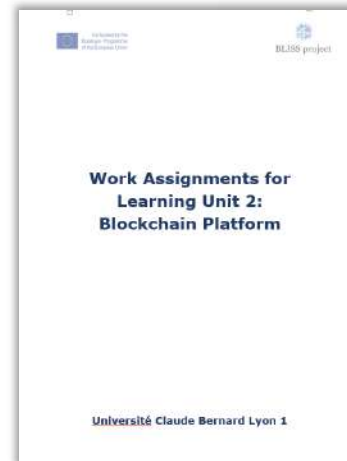
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Lisanduvad pedagoogilised VOOO materjalid

- ▶ Videod, mis esitlevad iga õppeüksuse sisu kõikide partnerite keeltes: [BLISS YouTube kanal](#)
- ▶ Videod praktiliste ülesannetega
- ▶ Iga õppeüksusega seotud ülesannete arendamine



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4. rahvusvaheline projektikohtumine

- **Koht:** Tallinn, Eesti
- **Võõrustaja:** Tartu Ülikool
- **Kuupäevad:** 16. - 17. mai 2019
- ❖ Partnerid kohtusid, et arutada VOOCi arendamist, teisi üritusi ning tuleva semestriga seotud ülesandeid.



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Edasised ülesanded ja üritused

- VOOC piloot - [Registreerige siin](#)
- 3 rahvuslikku töökoda (FR, BE, EE)
- 3 rahvuslikku infopäeva (IT, GR, BE)
- Ürituste jaoks valideerimismetodoloogia arendamine
- Blockchain oskuste sertifikaadi välja arendamine
- Seisukohavõtt toetamaks blockchaini oskuste integratsiooni e-kompetentside raamistikku
- Levituskampaaniad partnerriikides



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Kontaktinfo

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E-mail: rma@ut.ee



BLISS veebileht: <http://bliss-project.eu/>



LinkedIn: <https://www.linkedin.com/company/bliss-blockchain-project>



Facebook: <https://www.facebook.com/blissproject2017/>



Twitter: <https://twitter.com/blissproject17>

või võtke meiega ühendust... blissproject17@gmail.com



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