

ikanos.eus Certification

centered on people and roles

All Digital Summit
Bologna, 11 October 2019

EUSKO JAURLARITZA

EKONOMIAREN GARAPEN
ETA AZPIEGITURA SAILA



GOBIERNO VASCO

DEPARTAMENTO DE DESARROLLO
ECONÓMICO E INFRAESTRUCTURAS

Small is beautiful



UNIQUE LANGUAGE AND CULTURE

Basque is Europe's oldest language.

3

EUS 5.000 YEARS OLD

FISCAL AUTONOMY

BASQUE ECONOMIC AGREEMENT

Unique and own financial system.

COMPETITIVE INDUSTRY

Energy, Advanced Manufacturing 4.0 and Biosciences-Health.

24,1 %
industrial GDP
EU average 17,3%

127,9 %
productivity per person
EU average 100%

INNOVATION

Basque Science and Technology Network.



€11 BILLION

In public-private investment until 2020.

BASQUE NETWORK ACROSS THE WORLD

6 institutional delegations.
Institutional Commercial Network
in 83 countries.
191 Euskal Etxeas - Basque Centres.



What we want

**Improve digital competences
for employability and learning
centered on people and roles**



**disseminate,
boost + share**



Open to anyone

ikanos.eus

ikanos.eus

Eus Esp Eng

Digital Skills in Basque Country

IKANOS

DIGCOMP

DIGITAL PROFILE

DOCUMENTS

NEWS

JRC WORKSHOP

CONTACT

DIGITAL PROFILE DIAGNOSIS



The **integral** solution for the diagnosis of your organization on **digital skills**



Ikanos Test

Now you can get the [digital profiles report of your organization](#) using [Ikanos Test](#), the digital Competences self assessment tool that allows to obtain individual and organizational digital profiles.

DIGITAL PROFILE DIAGNOSIS

Contact the Ikanos team in order to know the digital diagnosis of your organization

MAKE AN APPOINTMENT

IKANOS TEST ACCESS

test.ikanos.eus

Any organization can contact us, at any time, through our website:

www.ikanos.eus



Open to collaborate with stakeholders

ΕΠΙΛΥΣΗ ΠΡΟΒΛΗΜΑΤΟΣ

82%

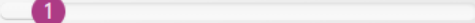
21. Όταν προκύπτουν προβλήματα κατά τη χρήση ψηφιακών συσκευών *




0: Δεν είμαι σε θέση να

10: Έχω μια βαθιά γνώση του

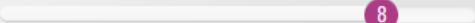
Ξέρω πώς λειτουργούν οι ψηφιακές συσκευές (υπολογιστές, μόντεμ, wifi, smartphone, smart TV, κ.λπ.)

0  10

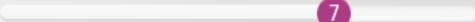
Μπορώ συνήθως να εντοπίσω και να περιγράψω την αιτία των προβλημάτων στις συσκευές μου.

0  10

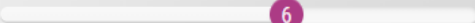
Συνήθως λύνω τα προβλήματα που προκύπτουν στη συνδεσιμότητα μεταξύ των συσκευών (wifi, εκτυπωτής, bluetooth κ.λπ.)

0  10


Χρησιμοποιώ το internet με ευκολία, εμπιστοσύνη και ασφάλεια για να αποφύγω ιούς, phishing κ.λπ.

0  10

Ξέρω πώς να ζητήσω τεχνική υποστήριξη από την εταιρεία μου όταν χρησιμοποιώ μια νέα συσκευή ή ένα νέο πρόγραμμα.

0  10

Χρησιμοποιώ το internet, συμβουλευόμαι forum και ψηφιακές κοινότητες για να βρώ λύσεις και να διαδώσω λύσεις σε τεχνικά προβλήματα

0  10



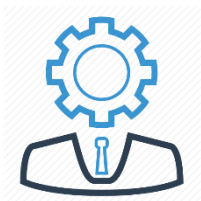
How we do it



Basque public **flagship initiative** of learning support infrastructure



Ikanos model roadmap:
5 steps, 7 tools



Service of expert support for organizations and enterprises



Ikanos model

ikanos.eu

Strategy

Professional
Digital Profile



CHALLENGE

ASSESSMENT

GAP STRATEGY

Ikanos Test



Personal Digital Profile



Orientation Guide



Classifying Learning
Resources



Action

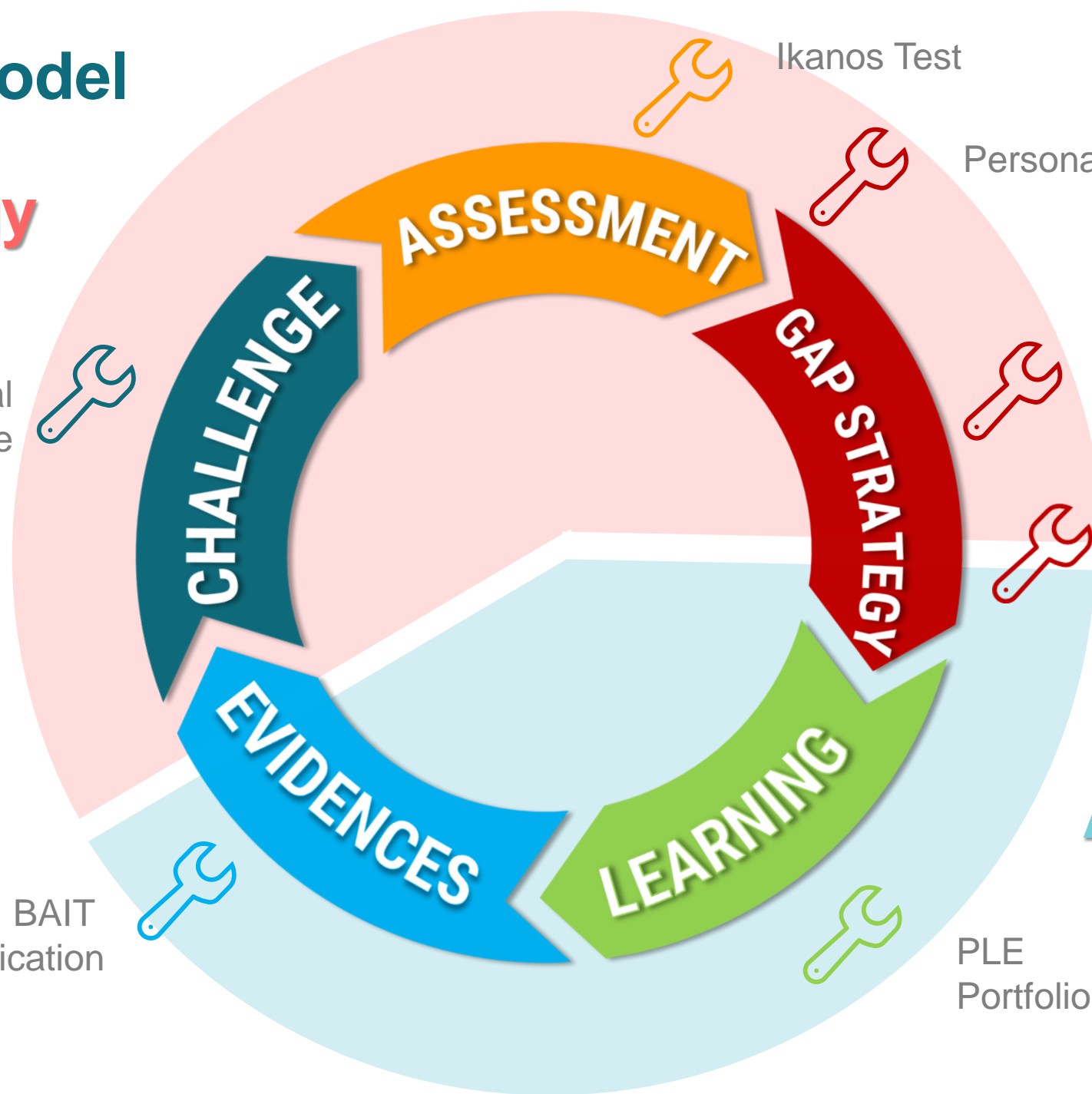
BAIT
Certification



EVIDENCES

LEARNING

PLE
Portfolio



1. BAIT Certification value

Certification makes sense in the process of improving/learning to the stakeholders

- connected with digital profesional profiles for the digital transformation (Basque Industry 4.0)
- Introduce the advanced digital skills Europe want to promote

test.ikanos.eus

EN ES EU

ESTUDIOS Y CERTIFICADOS 6%

01. ¿Cómo has adquirido tus conocimientos actuales sobre Tecnologías de la Información y la Comunicación (TIC)? *marca todas las aplicables*

- ☐ Tengo escasos conocimientos a nivel digital
- ☐ De manera autodidacta, (tutoriales de Internet, experiencia laboral, ...)
- ☐ A través de servicios públicos de formación abierta (telecentros KZgunea, Empresa Digitala, ...)
- ☐ En centros públicos de formación ocupacional o reglada (módulos, centros de FP, ...)
- ☐ En centros de formación privados

OPCIONES ANTERIOR SIGUIENTE

© 2017 Eusko Jaurlaritza - Gobierno Vasco | Contacto

Today is more
necessary than
ever...

*a good digital diagnosis
of the organisation's
digital skills*

2.

Self-assessment objective

Digital competences guide

Prescription

Benchmarking



GAP STRATEGY: Ikanos PERSONAL PROFILE

- **Personal report** compare user results with the expected values.
- **Target values** from the professional digital profile.
- **Personal results** from test answers.



Data for
Benchmarking



Custom questions
and items



Segmentation and
anonymous users



Mobile
version



Custom design
for organizations

Area	Digital Competence	Foundation	Intermediate	Advanced
Information <div><div></div></div> Nivel intermedio	Browsing, searching and filtering information	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>
	Evaluating data, information and digital content	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>
	Managing data, information and digital content	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>
Communication <div><div></div></div> Nivel intermedio	Interacting through digital technologies	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>
	Sharing through digital technologies	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>
	Engaging in citizenship through digital technologies	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>
	Collaborating through digital technologies	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>
	Netiquette	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>
	Managing digital identity	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>
Content creation <div><div></div></div> Nivel intermedio	Developing content	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>
	Integrating and re-elaborating digital content	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>
	Copyright and licenses	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>
	Programming	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>
Safety <div><div></div></div> Nivel intermedio	Protecting devices	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>
	Protecting personal data and privacy	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>
	Protecting health and well-being	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>
	Protecting the environment	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>
Problem solving <div><div></div></div> Nivel intermedio	Solving technical problems	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>
	Identifying needs and technological responses	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>
	Creatively using digital technology	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>
	Identifying digital competence gaps	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div></div>

01. Collects the **digital requirements** of an occupation.
02. Specifies the **digital skills level** to perform professional tasks with digital support





CHALLENGE:

PROFESSIONAL DIGITAL PROFILE

Professional Digital Profile: Primary Care Healthcare Professionals

Competition	Level	Basic		Intermediate		Advanced		Expert	
		A1	A2	B1	B2	C1	C2	D1	D2
1.1 Navigate, search and filter information		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.1.1 Using internal clinical information services		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.1.2 Using external clinical information services		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.2 Evaluating information		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.2.1 Assessing the quality of clinical information (PILAR)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.2.1 Valuate Patient Apps		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.3 Storing and retrieving information		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.3.1 Know and maintain Integrated Management System		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.3.2 Sorting and deleting document versions		<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.3.3 Content Healing		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.1 Interacting through technologies		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.2.1 Making Video Conferences with Lync		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.2 Sharing information and content		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.2.1 Sharing documents using Osabox		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.2.2 Using Osabegi to share information		<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.3 Online Participation									
2.4 Collaborate through digital channels		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.4.1 Managing knowledge through Jakinsarea		<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.4.2 Collaborate on projects through Osagune		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.4.3. Increasing the online relationship with patients		<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.5 Netiquette		<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.6 Managing digital identity		<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

01. gathers the **digital requirements** of an occupation.

02. specifies the **level of digital skills** required

03. to perform adequately **the tasks that require ICT** in a job or occupation.



CHALLENGE: Professional Digital Profiles

GENERAL PROFILES

- Administrative staff
- Sales representative
- Entrepreneur

EXPERT

- Economist in Consulting and Auditing
- Marketing Economist
- Responsible for Digital Transformation SMEs
- Economist in Business Management

INDUSTRY 4.0

- Advanced industry maintenance technician
- 3D design technician for additive manufacturing
- Collaborative Robotics Technician
- Technician Operator of Additive Manufacturing
- Numerical Control Operation Technician

HEALTH

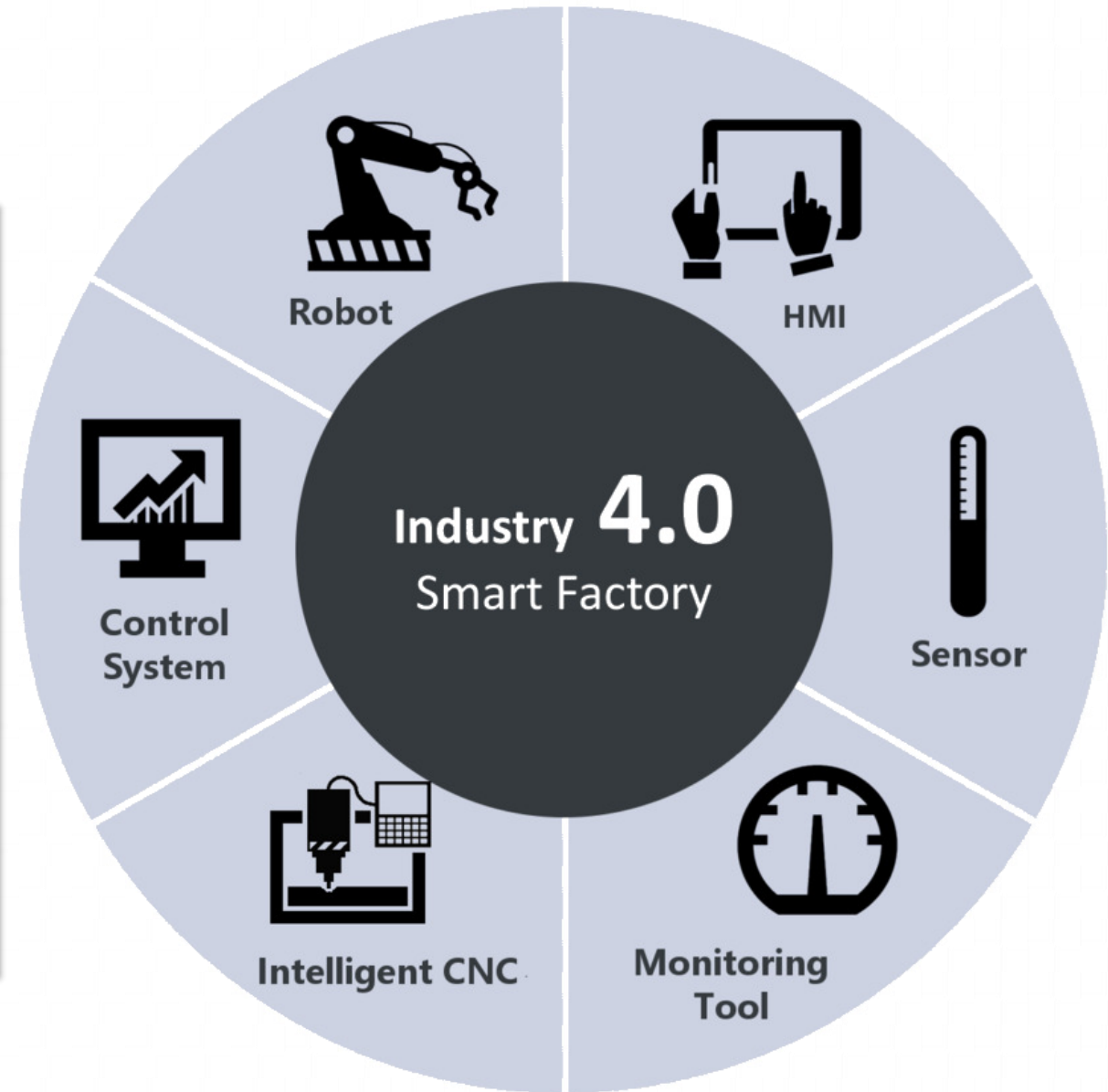
- Primary Care Doctor
- Manager Health Center
- Administrative Health Center



CHALLENGE: Professional Digital Profiles

INDUSTRY 4.0 Profesional Digital Profiles

- Advanced industry maintenance technician
- 3D design technician for additive manufacturing
- Collaborative Robotics Technician
- Technician Operator of Additive Manufacturing
- Numerical Control Operation Technician





EVIDENCES: BAIT Certification

BAIT Información Certificarse Demo Gestión Identificarse es eu

We certify people in digital competences

BAIT is a System of Certification of Basic Competences in Information Technologies, which accredits the competences that a person has in the use of computer tools and the Internet.



BAIT web platform



certifies knowledge in
computer solutions
>50 different certifications



**21 competences,
descriptors and levels**



BAIT

Performance based e-assessment platform

- Complex
- Meaningful and authentic
- Process/product-oriented
- Open-ended
- Time-bound



Where do we come from? IT Txartela

ikanos.eus

Exams

Passed

Failed

Claims



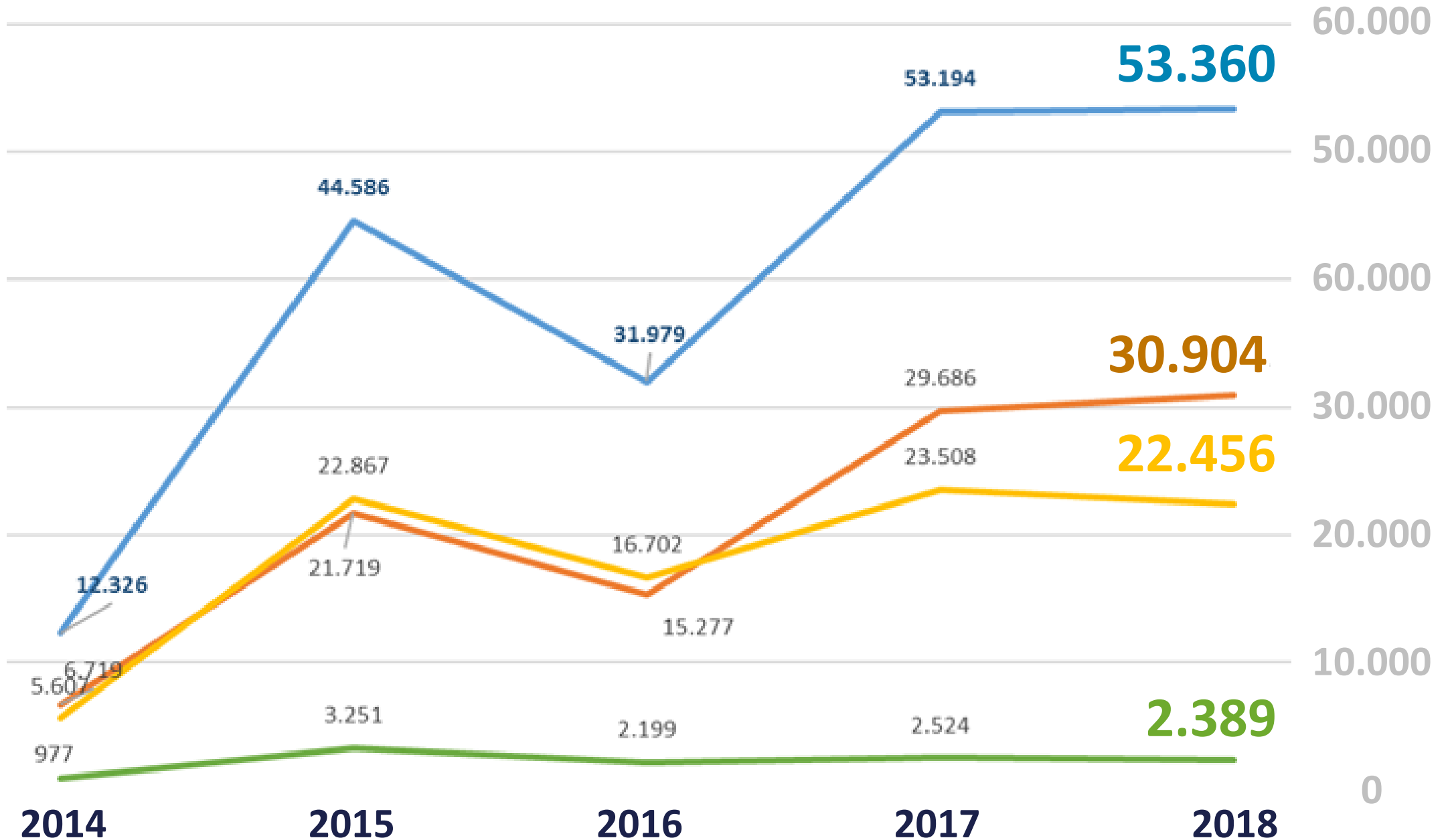
OpenOffice Writer



Microsoft Word



Microsoft Excel





BAIT certification Management Process

ikanos.eus



Accreditation
of centres



Tutors
Training

Inscriptions
Management



Process
Audit



Periodic
reporting



Complaints
Management



BAIT web platform

- Information
- Register / management
- Enroll in a test
- Take an exam
- History
- Certification / Metaposta





BAIT certification: Unique exam for digital profiles **ikanos.eus**

Profesional Digital Profile for Doctors

Creating Content

- To be able to create **academic style publications**: tables, styles, indexes, footnotes...
- To be able to use **revision and change control tools** for **collaborative working**.

Area	Digital Competence	Foundation	Intermediate	Advanced
Information Basic level	Browsing, searching and filtering information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Evaluating data, information and digital content	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Managing data, information and digital content	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Communication Intermediate level	Interacting through digital technologies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Sharing through digital technologies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Engaging in citizenship through digital technologies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Colaborating w. technologies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Netiquette	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Managing digital identity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Content creation Intermediate level	Creating content	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Integrating content	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Copyright and licenses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Programming	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Safety Basic level	Protecting devices	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Protecting personal data and privacy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Protecting health and well-being	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Protecting the environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Problem solving Intermediate level	Solving technical problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Identifying needs and technological responses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Creatively using digital technology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Identifying digital competence gaps	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



BAIT exercise

BA/T

Bienvenido, Juan Bartolomé Boloix

ES EU

El examen finaliza a las 10:00 h.

01: 47: 34

18%

CREACIÓN DE CONTENIDOS

Desarrollo de contenidos

00	01	02	03	04	05
✗	✓	✓	✗	✓	✓
06	07	08	09	10	

Integración y re-elaboración

Derechos de autor y licencias

Programación



Necesitas preparar un trabajo en una de las asignaturas de los estudios que estas cursando y te han pedido que ese documento incluya una portada atractiva.



El documento resultante tiene que ser guardado con el siguiente nombre: DNI (en este formato 12345678H)+Extensión (docx)

1. Create a new document
2. Write and format a level 2 title: **"Case description"**
3. Insert the same title in the header with a mark
4. Write and format a paragraph text
5. Insert a 4 x 6 table
6. Download and Insert the image "schema.jpg"
7. Save the document with the filename "exercise3.docx".
8. Upload it to the platform for assesment

Responder

Pasar a la siguiente pregunta

Seleccionar archivo Ni...do



Ikanos partners

ikanos.eus

Education & Universities

Universities



**Mondragon
Unibertsitatea**



Universidad País Vasco
Euskal Herriko Unibertsitatea

Modernization



Berritzegune
Nagusia



Tknika

LANBIDE HEZIKETARAKO BERRIKUNTZA ZENTROA
CENTRO DE INNOVACION PARA LA FORMACION PROFESIONAL

Associations

HADE



Basque Institutions

Basque Government



**EUSKO JAURLARITZA
GOBIERNO VASCO**



Health Service



Osakidetza
Servicio vasco de salud

Tech centres



BA/T

Companies & Associations



HIRUDI
SISTEMAS 3D



Employment





**Thank you
eskerrik asko**