



Federation of Governing Bodies of South African Schools

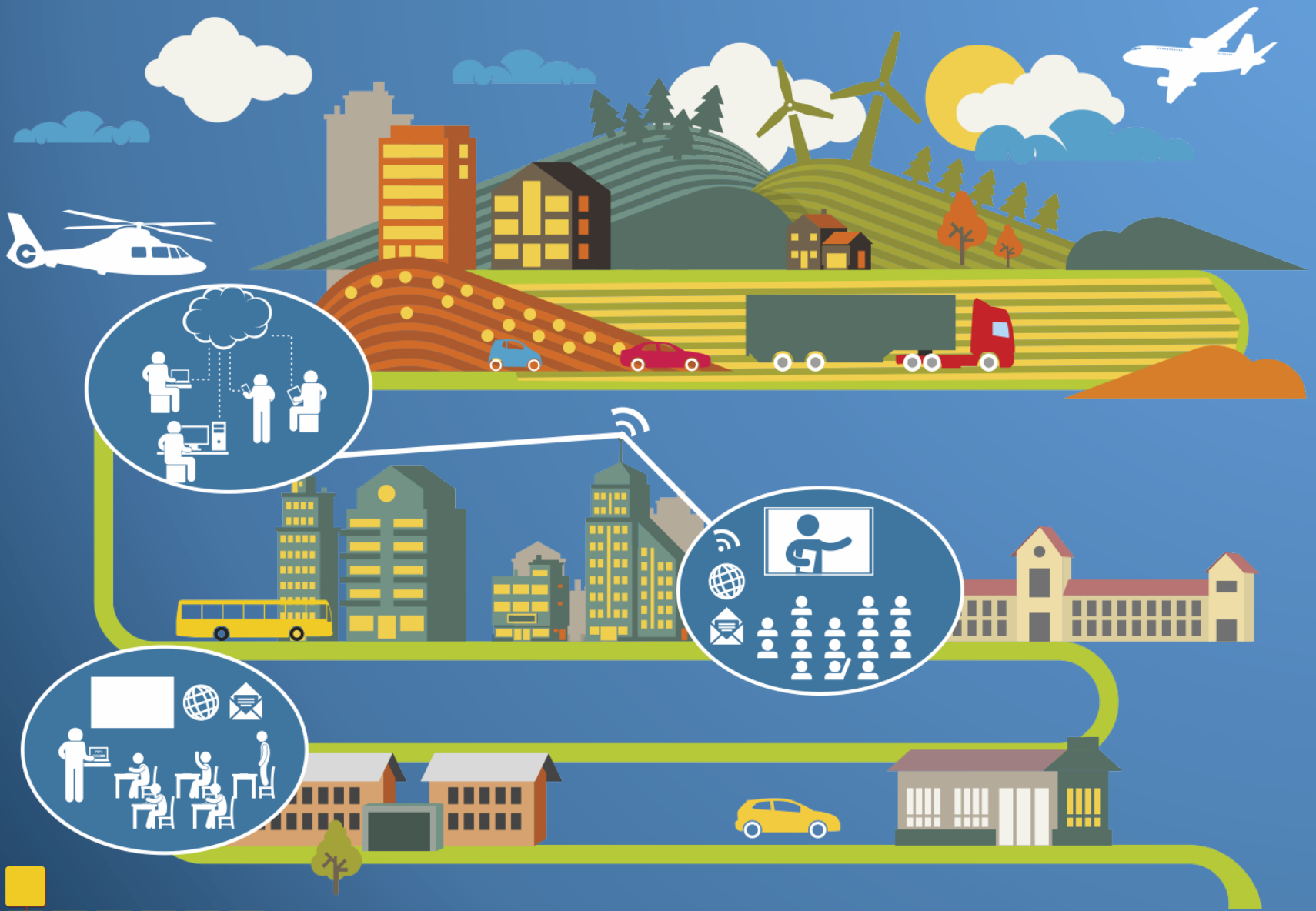
Federasie van Beheerliggame van Suid-Afrikaanse Skole

Launching your Technology plan...



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DIGITAL
Citizenship



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Introduction

About today:

- Language
- Participation
- Group sessions
- Sponsors
- Prizes



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Introduction

- 2014 – Digital Citizenship Roadshow
 - Planning
 - Budget
 - Best practice
- 2015 – Next steps
 - Take action
 - Do it for the next generation





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It is a Leadership Issue

- Strategic decision
- High level management
- Show me your budget and I'll show you your gods

A leader is one who knows the way, goes the way, and shows the way.
—John Maxwell



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Mrs Ansie Peens

Hoof / Principal

Sunward Park High School - Boksburg

Wenner van verskeie tegnologie toekennings

“Schools need to produce world class 21st century learners that can compete on an international stage and easily fit into the workplace. Leadership is key in adopting technology for this purpose”



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Mnr Dup Van Rensburg

Hoof / Principal

Ligbron Akademie vir Tegnologie – Ermelo
Wenner van verskeie tegnologie toekennings

Uittreksel van 'n
onderhoud met Dup /
Excerpt of an
interview with Dup



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Mnr Dup Van Rensburg

Hoof / Principal

Ligbron Akademie vir Tegnologie – Ermelo
Wenner van verskeie tegnologie toekennings

- “Skool leierskap moet dit dryf
- SBL moet begroot
- Elke dag wat jy wag is jy agter”



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**KEEP
CALM AND
PUT ON YOUR
THINKING
CAP**

“Perfection is not attainable, but if we chase perfection we can catch excellence.” —Vince Lombardi



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Dr Edward de Bono School of Thinking



What are the
key concerns that you as
leaders are
thinking of, at
this time, regarding ICT in
schools?

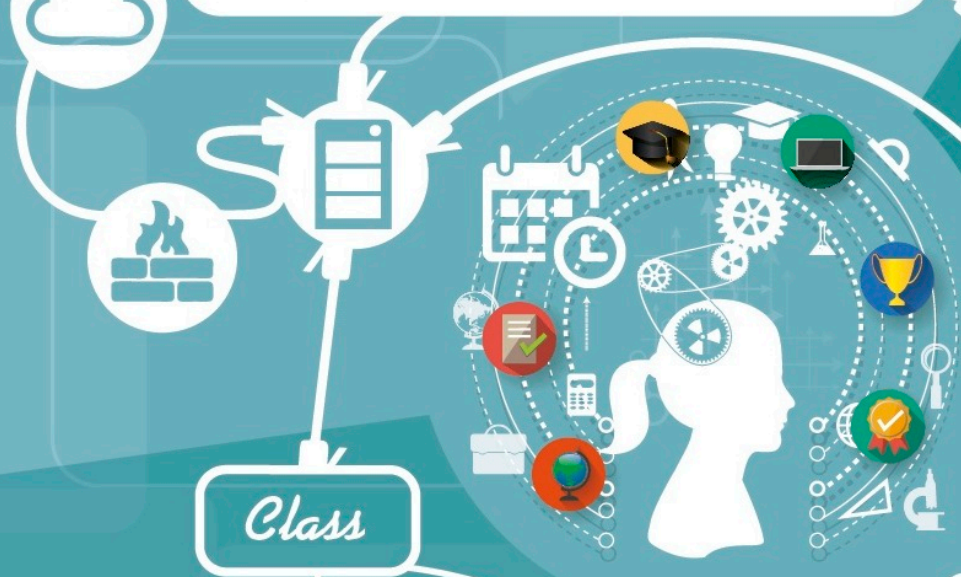


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Forward to great Teaching with Technology



21ST CENTURY LEARNING



Campus

- ACCESS
- BEHAVIOUR
- SOCIAL MEDIA
- SPORTS - SCORE, COMMUNITIES, COACH
- CULTURE - COMMUNICATIONS



Class

- TRADITIONAL
- DIGITAL

BOOK & PEN



AUDIO VISUAL



FACILITATOR GUIDE



EXERCISES



ASSIGNMENTS



RESOURCES



Office

ADMIN & FINANCE

- DATABASE
- REPORTING
- BEHAVIOUR

- ACADEMICS
- ATTENDANCE
- DISCIPLINE
- MERITS

COMMUNICATION

- SMARTPHONE APP

FINANCE (CASHLESS ENVIRONMENT)

- ON CAMPUS
- OFF CAMPUS

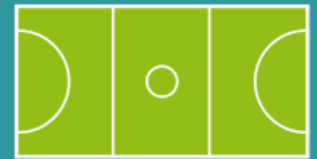
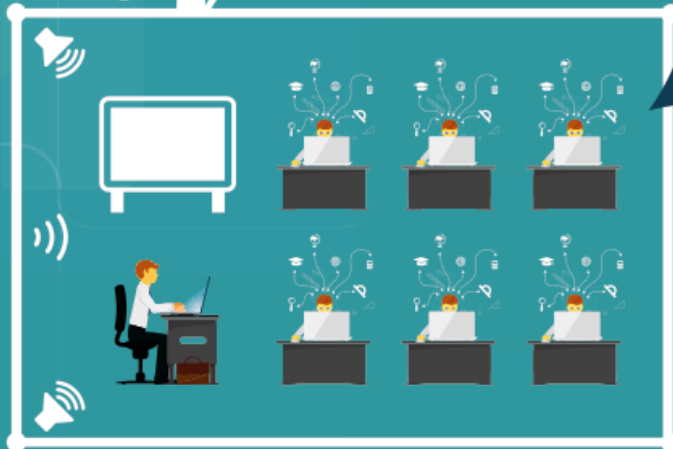
- TUCK SHOP
- BOOK SHOP
- OFFICE
- FIELD TRIP

- LOCAL VENDOR
- NEIGHBOURING SCHOOLS



21ST CENTURY SCHOOL

Home Office & Parent's Devices



NAVIGATING THE INFORMATION HIGHWAY




Information Highway

Infrastructure

 = ENGINE AND SUSPENSION

Class

 DRIVER = TEACHER
CABIN = CLASS

Admin & Finance

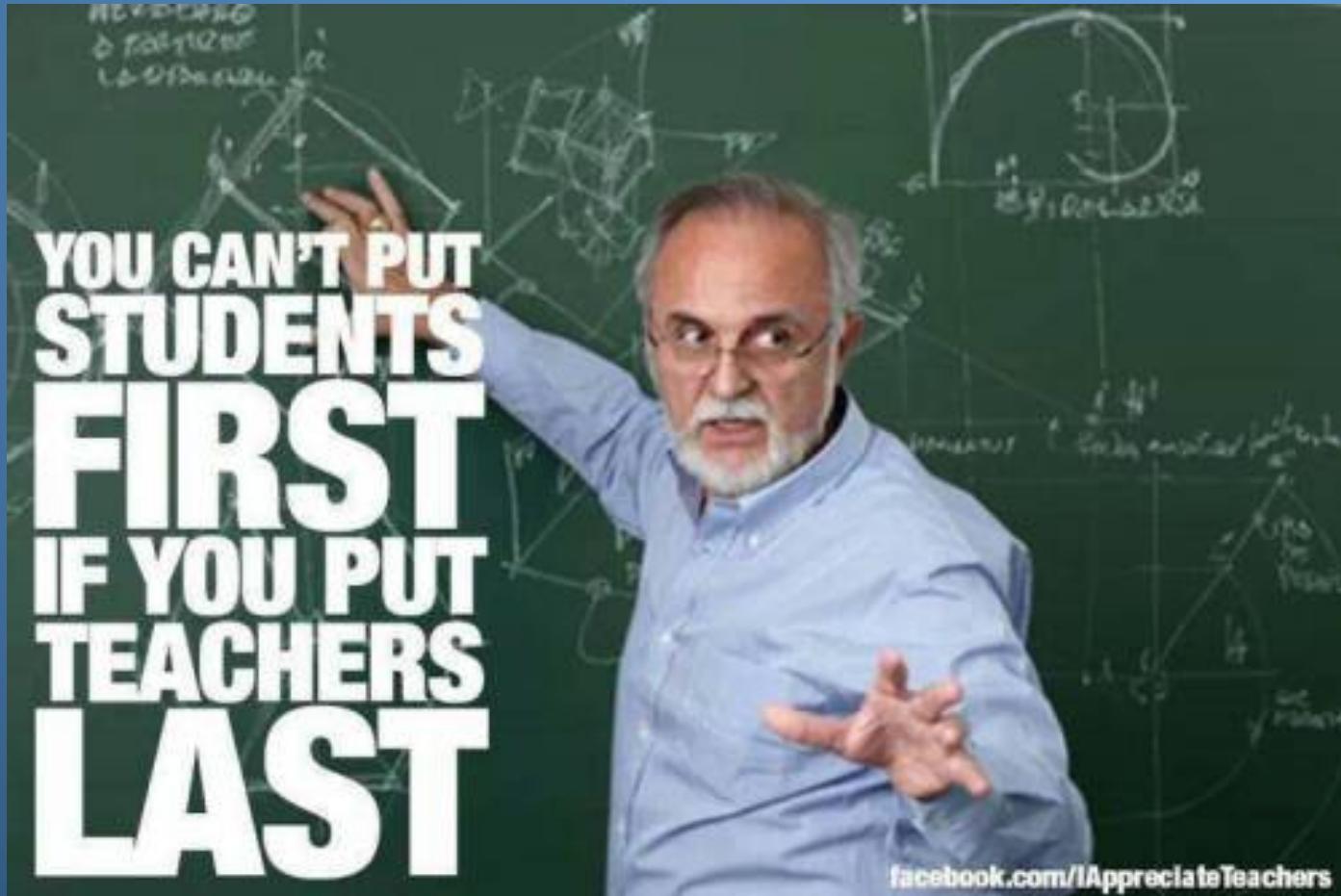
 DASHBOARD + CONTROLS
= FEEDBACK, MANAGEMENT & REPORTING

Learner

 = PASSENGER



The Teacher



FULLY INTEGRATED SOLUTION



Infrastructure

Internet Connection | Local Server
Local Network



Learner

School Devices | Homework & Textbooks
In class devices | BYOD / Flipped Classroom



Admin & Finance

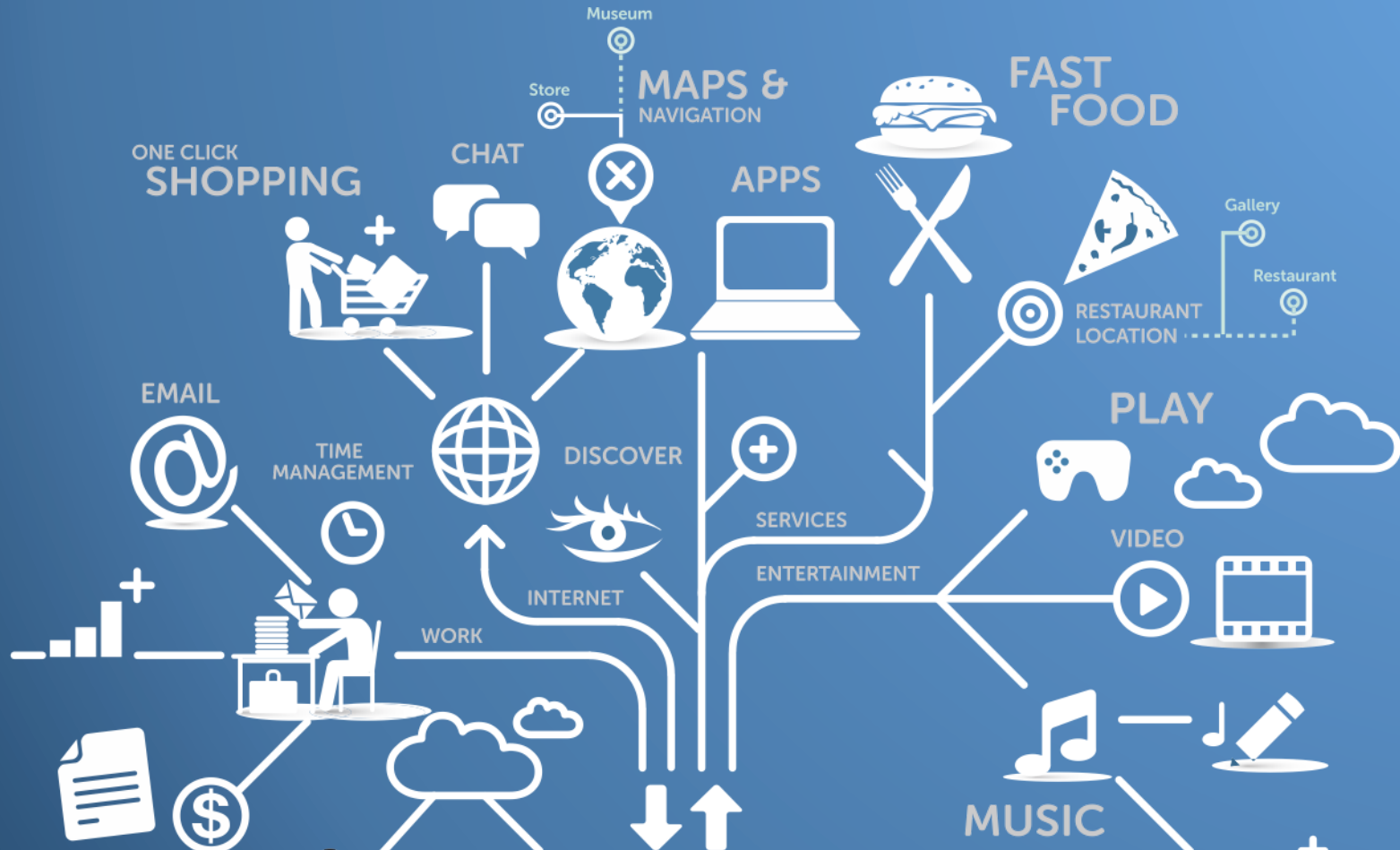
School Administration Software | All devices
Web Based / Networked | Integrated Solution



Class

Projector & Screen | IWB
Teacher device | Teaching Platform





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The future

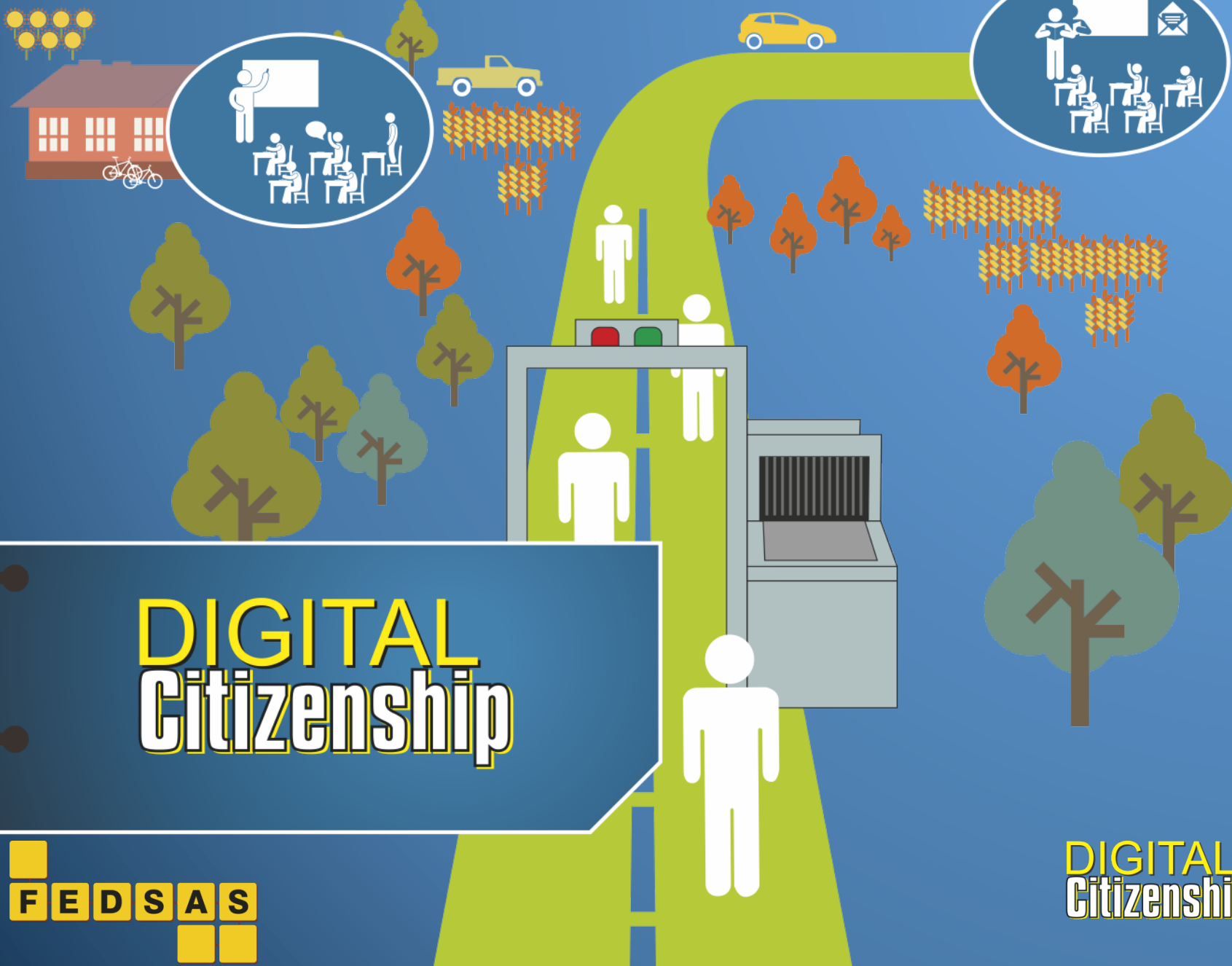
- 3D Printing
- Drones / Robotics
- Wearable devices
- Augmented reality
- App development
- Social media
- Sport



Next steps

- Holistic approach
- Why these presenters / partners?
- Principle before product





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Leadership and Technology

ICT “Blue Print”

ICT Roadmap

Financial Options

Presenter: Nestus Bosman

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Leadership and Technology

“New technology is common, new thinking is rare.”

Sir Peter Blake – English pop artist.

Who’s problem is it?



What do we need?



Critical Questions

*Technology
Analysis*

ICT Competency

ICT Audit

Preparation

ICT Vision

ICT Strategy

ICT Roadmap



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Why these critical questions?

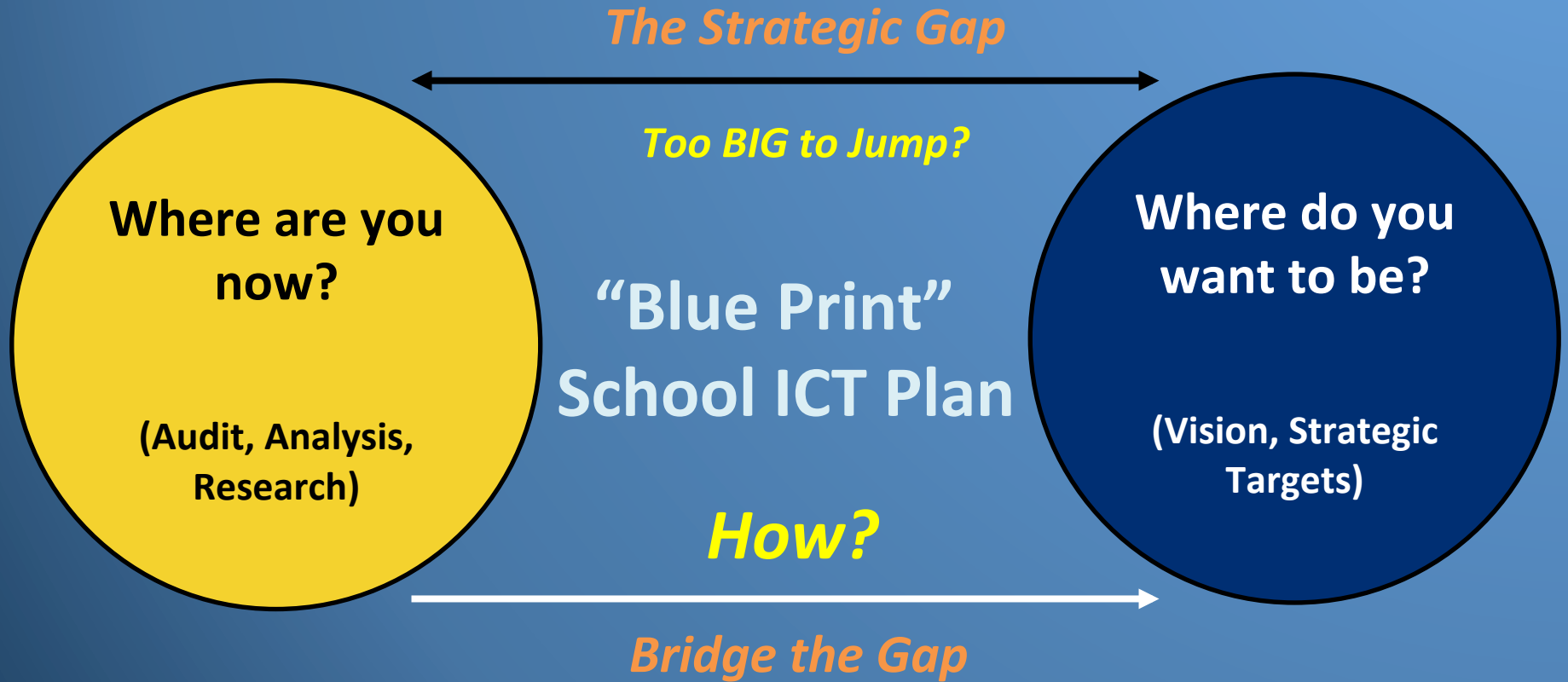
**Where are you
now?**

- Technology Analysis
- ICT Competency Surveys
- ICT Audit

**Where do you
want to be?**

- ICT Vision
- ICT Strategy
- ICT Roadmap

Why do I need it?



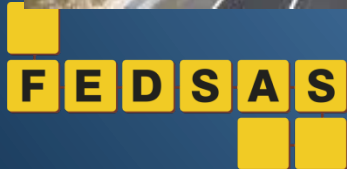


Your Journey

Your Transport

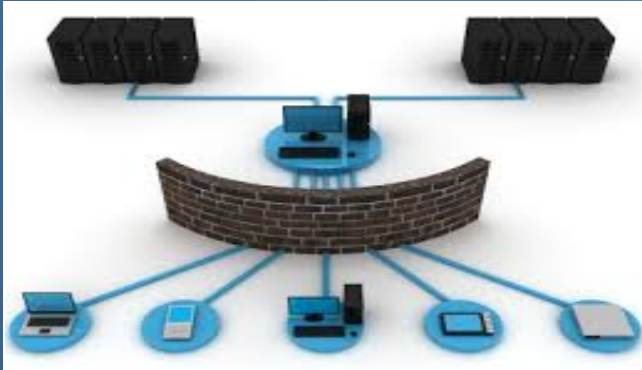


Analyze



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Decision Cornerstones



Choose
your ICT
Solution



Driving Requirements



Financial Options



How are you going
to fund this?

Important Questions

- Do I want to own the equipment?
- Would I like the option to upgrade my equipment?
- Do I know the Total Cost of Ownership (TCO)?
 - What are annual costs vs once-off costs?
- Are you considering entering into an ICT service contract instead of the school managing it?



Financial Options

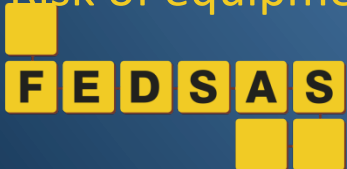
Benefit

- It is easier than leasing/renting
- Ownership of equipment
- Can control maintenance contracts

CAPEX

Downside

- Initial outlay for equipment may be very high
- Risk of getting stuck with old equipment
- Risk of equipment becoming obsolete



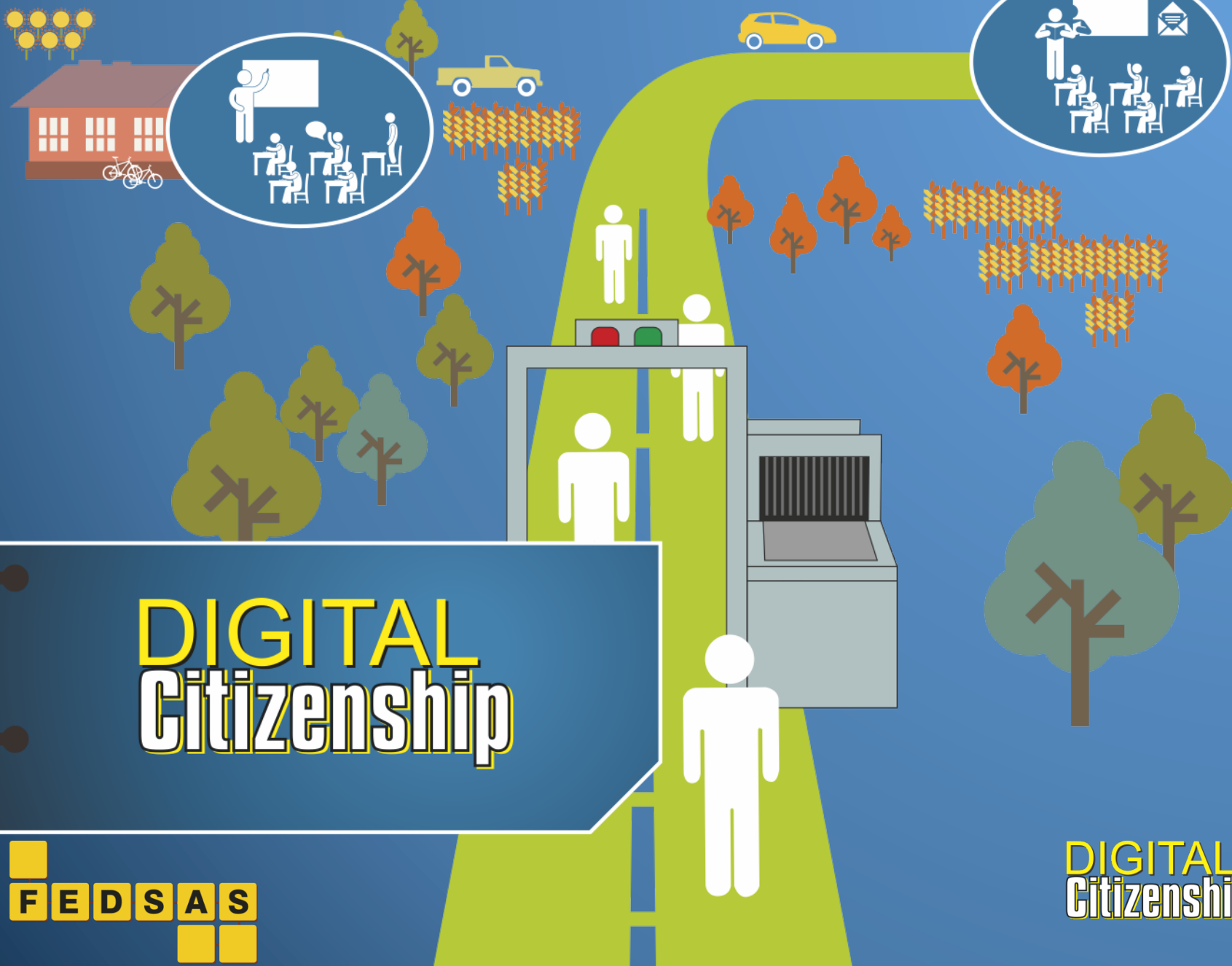
Benefit

- Keep your equipment relevant
- Predictable monthly expenses
- No upfront payment/ Retain working capital
- Easy to upgrade equipment

OPEX

Downside

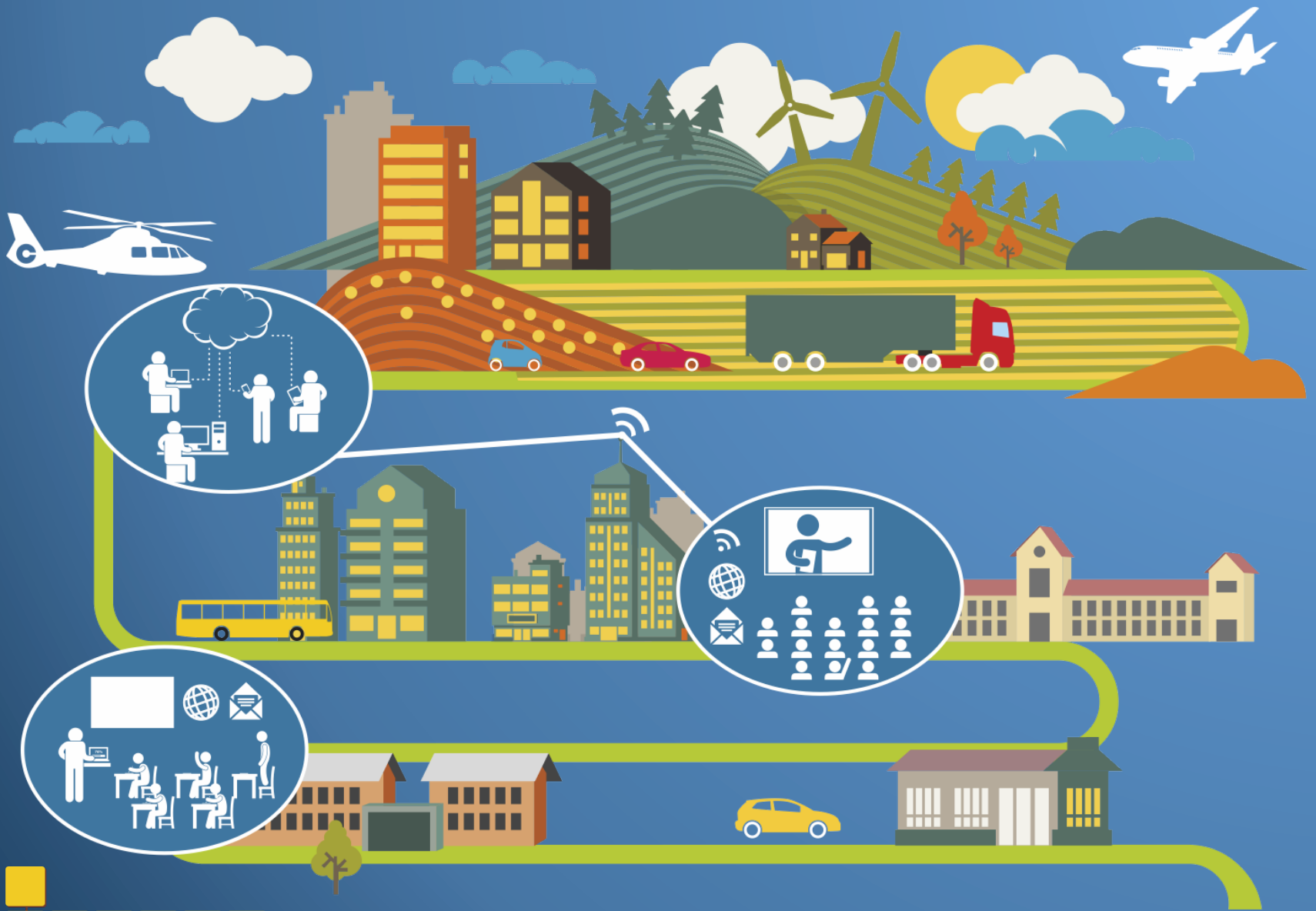
- Higher overall cost
- You don't own the equipment - immediately
- Obligation to pay for the entire lease/rental term



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Next steps

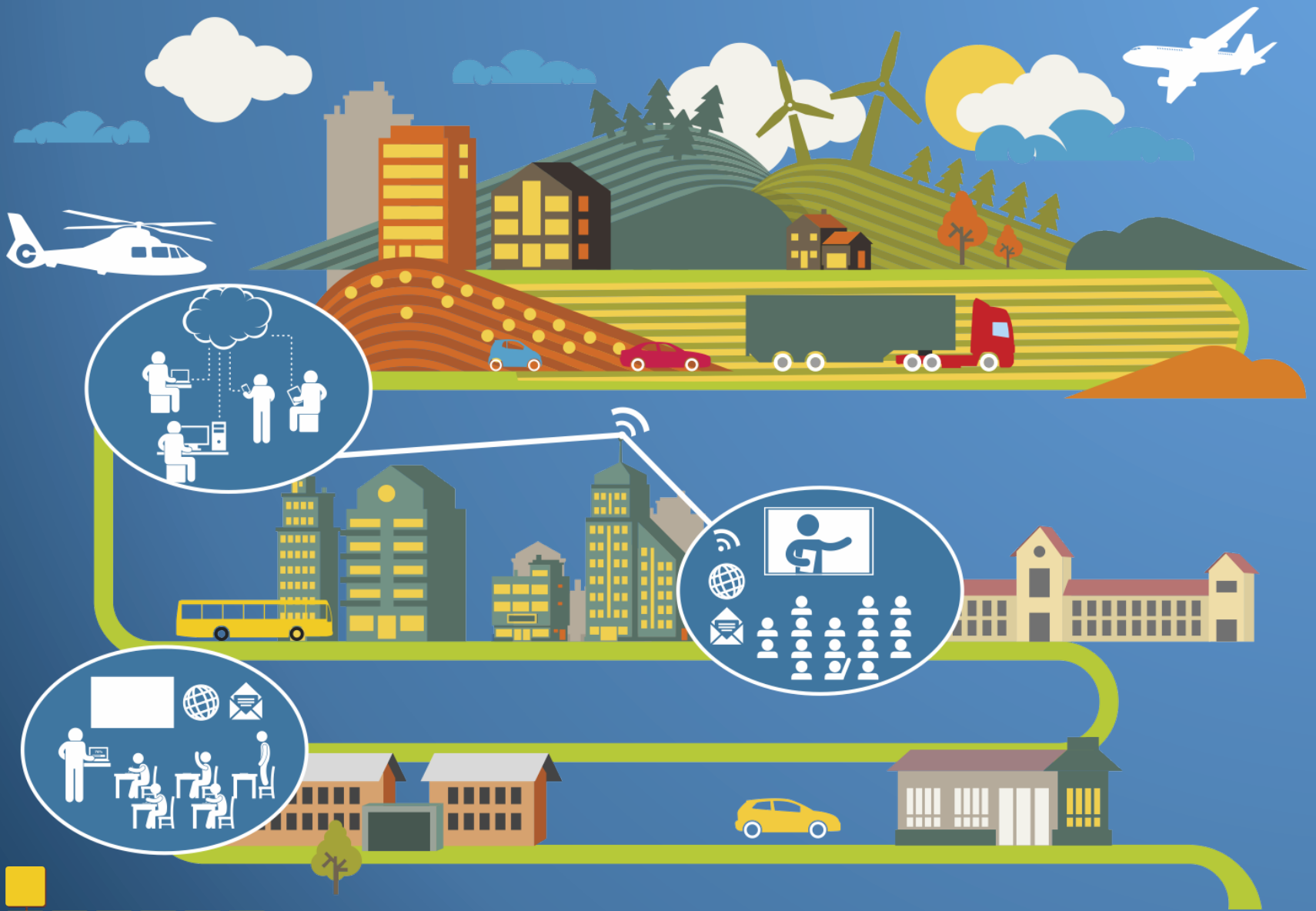
- FEDSAS Technology consulting
- One size does NOT fit all
- Individual assessment
- Partner initiative – Member consulting



Next steps

- 2014 Awareness campaign
- 2015 Practical ideas
- 2016 Training and Training ideas





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