SUPPLY CHAIN SUSTAINABILITY
SCHOOL

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national **highways**

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Head of Digital Services & Technology - Programmes, Asset Management & SCADA

About the 'Downloading a Digital Mindset' project

Award-winning Project!

Skills and Workforce Initiative of the Year

Water Industry Awards 2022

Outputs from the project

Online Resource Library

Training Needs Assessment

Digital Maturity Assessment

'Downloading a Digital Mindset'

Outputs from the project (cont'd)

5 New eLearning Modules

10 Digital Bite Videos

Digital Leadership Course

. . ."*Digital technology and the wider understanding of its benefits are the vital next steps for modernisation.*

Digital technology will be a cornerstone of the construction sector's reform to productivity, efficiency, and quality of delivery.

[It] can also support the attraction, retention and inspiration of new generations of talent for our sector".

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highways

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Head of Digital Services & Technology - Programmes, Asset Management & SCADA
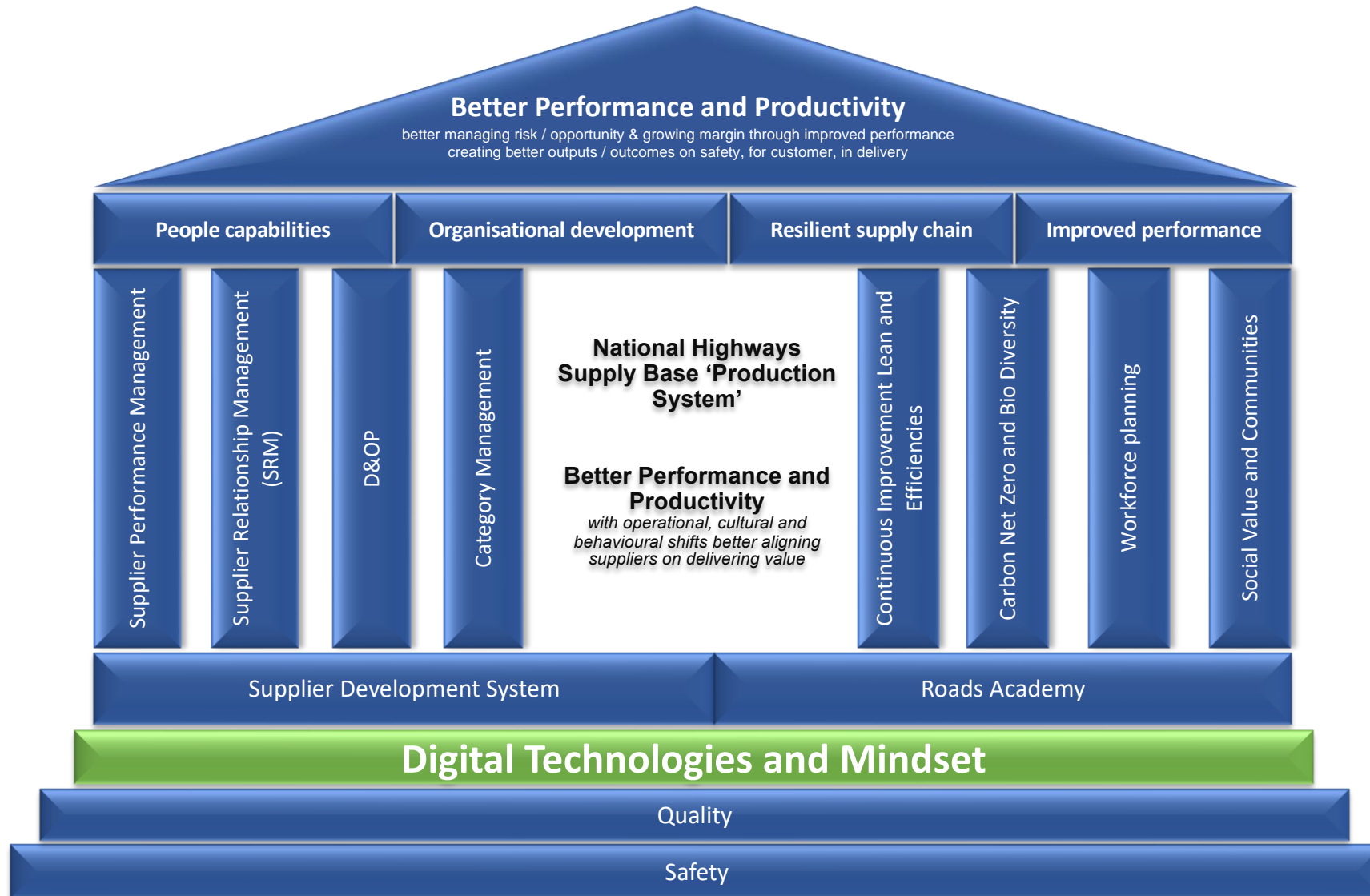
Meet The Buyer

Date: 18-Aug-22

National Highways - Digital, data and technology

We're investing £27.4 billion in the strategic road network (SRN)

between 2020 and 2025. Digital, data and technology are critical

to our main objective: providing safer, smoother and more

reliable journeys for our customers.

National Highways production system

Better Performance and Productivity
better managing risk / opportunity & growing margin through improved performance
creating better outputs / outcomes on safety, for customer, in delivery

People capabilities	Organisational development	Resilient supply chain	Improved performance

Supplier Performance Management

Supplier Relationship Management (SRM)

D&OP

Category Management

National Highways Supply Base 'Production System'

Better Performance and Productivity
with operational, cultural and behavioural shifts better aligning suppliers on delivering value

Continuous Improvement Lean and Efficiencies

Carbon Net Zero and Bio Diversity

Workforce planning

Social Value and Communities

Supplier Development System

Roads Academy

Digital Technologies and Mindset

Quality

Safety

national **highways**

Building a platform for Digital Roads – Our 2025 Vision

Further Reading

- [Digital, data and technology](#)

- [Digital Roads](#)

- [Digital, data and technology strategy](#)

- [Open data services](#)

- [Information management system](#)

- [Operational Technology](#)

- [Vision set out for a once-in-a-lifetime digital revolution that will fundamentally change National Highways' roads](#)

The problem with Digital Data

"The amount of data created in the next three years will eclipse the amount created in the previous thirty"

IDC ("The premier global market intelligence firm")

"40% of enterprise data is either inaccurate, incomplete, or unavailable"

Gartner study

" 75% of execs don't have a high level of trust in their data"

HFS research

"We're not that much smarter than we used to be, even though we have much more information —and that means the real skill now is learning how to pick out the useful information from all this noise."

statistician Nate Silver in NPR

... how can the user benefit from digital data?
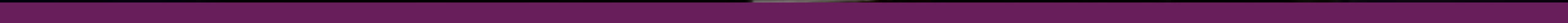
Data's Journey:

- Collection
- Collation
- Analysis
- Simulation
- Automation

For leaders to become digital leaders, they will need to develop new skill sets.

- Where to start
- Return on Investment
- Complexity
- Implementation
- Digitise or Digitalise?

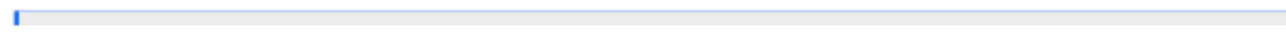The biggest risk: doing nothing

SUPPLY CHAIN SUSTAINABILITY

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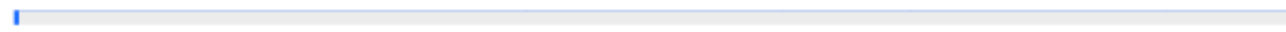
Characteristics of a Digital Leader

Rank the characteristics of a Digital Leader

Mentimeter

Direction

Innovation

Execution

Collaboration

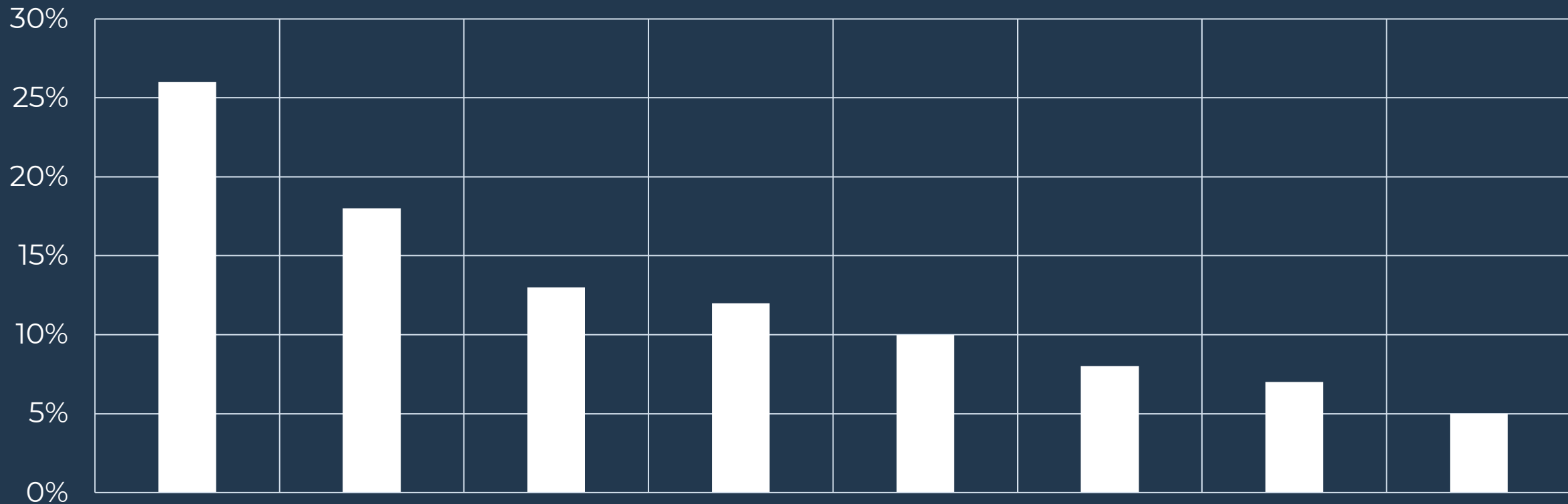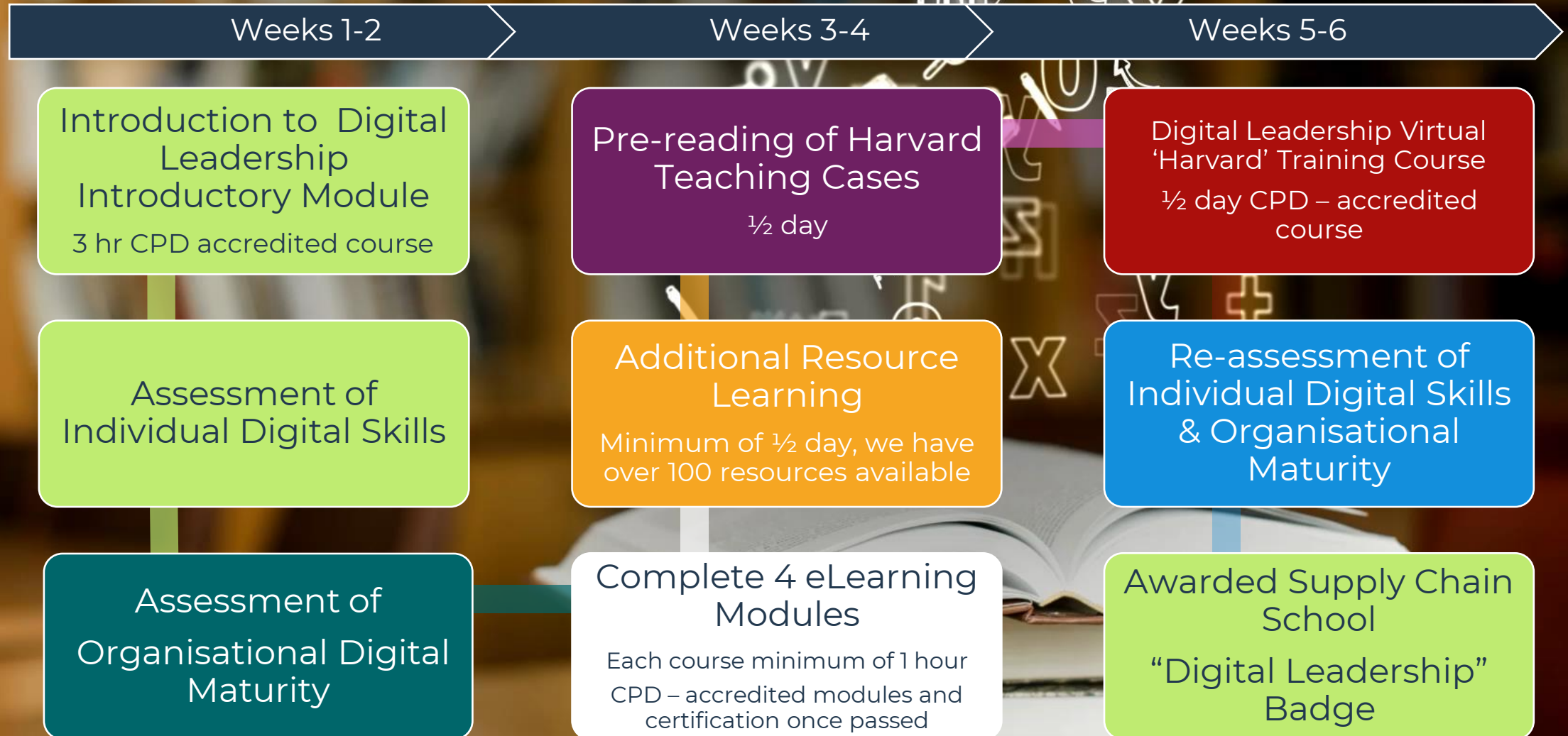Inspirational leadership

Business Judgement

Building Talent

Influence

THE DIGITAL LEADERSHIP STUDENT'S JOURNEY

Weeks 1-2	Weeks 3-4	Weeks 5-6

Introduction to Digital Leadership Introductory Module

3 hr CPD accredited course

Pre-reading of Harvard Teaching Cases

½ day

Digital Leadership Virtual 'Harvard' Training Course

½ day CPD – accredited course

Assessment of Individual Digital Skills

Additional Resource Learning

Minimum of ½ day, we have over 100 resources available

Re-assessment of Individual Digital Skills & Organisational Maturity

Assessment of Organisational Digital Maturity

Complete 4 eLearning Modules

Each course minimum of 1 hour

CPD – accredited modules and certification once passed

Awarded Supply Chain School

"Digital Leadership" Badge

Feedback about our digital content

"It has helped those not directly involved with our digital transformation to gain a good understanding of the subject"

"It has opened our minds to the options available and the benefits to the business"

"Everyone could learn something from this."

"Both facilitators were excellent and engaged very well, making for a truly enlightening and meaningful workshop. Thank you and keep up the good work."

"It has helped us to Increase our knowledge about the digital technologies that are available in the marketplace."

"It has helped to support the dissemination of knowledge about this important sphere of activity in our industry across our wider business"

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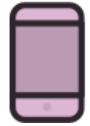
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