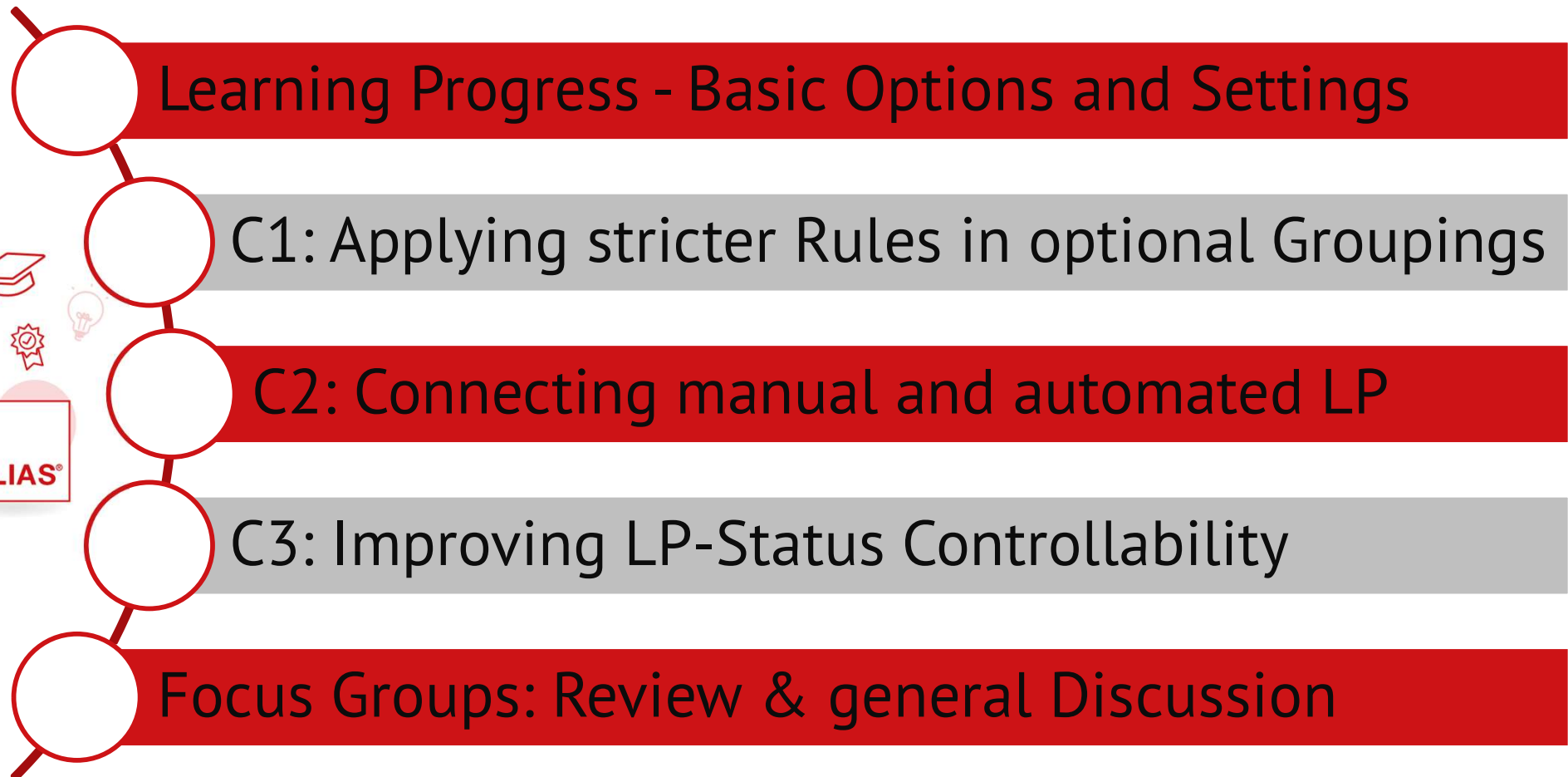# Enhancing the Adaptability and Flexibility of the Learning Progress in ILIAS Objects

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Outline

Learning Progress - Basic Options and Settings

C1: Applying stricter Rules in optional Groupings

C2: Connecting manual and automated LP

C3: Improving LP-Status Controllability

Focus Groups: Review & general Discussion

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Learning Progress (e.g. course)

Optional Groupings in Objects

Item

☐   ClickList - Copy

Mode: Status is Determined by a Collection of SCORM Items
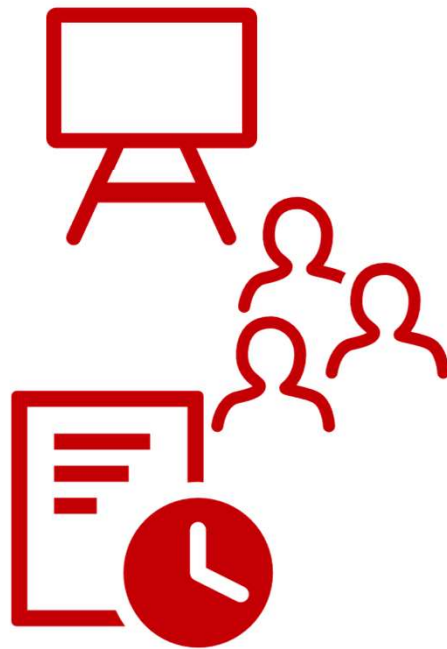Path: Testkurs 1

   Databay-Drag&Drop-Beispiel - Copy

Mode: Status is Determined by a Collection of SCORM Items
Path: Testkurs 1

Minimum Number of Passed Materials: `1`

☐   dbay-test_Soundboard - Copy

Mode: Status is Determined by a Collection of SCORM Items
Path: Testkurs 1

   Fastercourse_Travel for the Facts - Copy

Mode: Status is Determined by a Collection of SCORM Items
Path: Testkurs 1

   Test - Copy

Mode: Minimally Required Amount of Time Spent on Learning Module
Path: Testkurs 1

Minimum Number of Passed Materials: `1`

Manual & automated LP-Modes

○ Learning Progress is Deactivated

The learning progress status is not displayed and does not influence parent objects.

◉ Tutors monitor and set status

Tutors decide if users have accomplished the object. Tutors manually set the overall status i.e. 'Completed
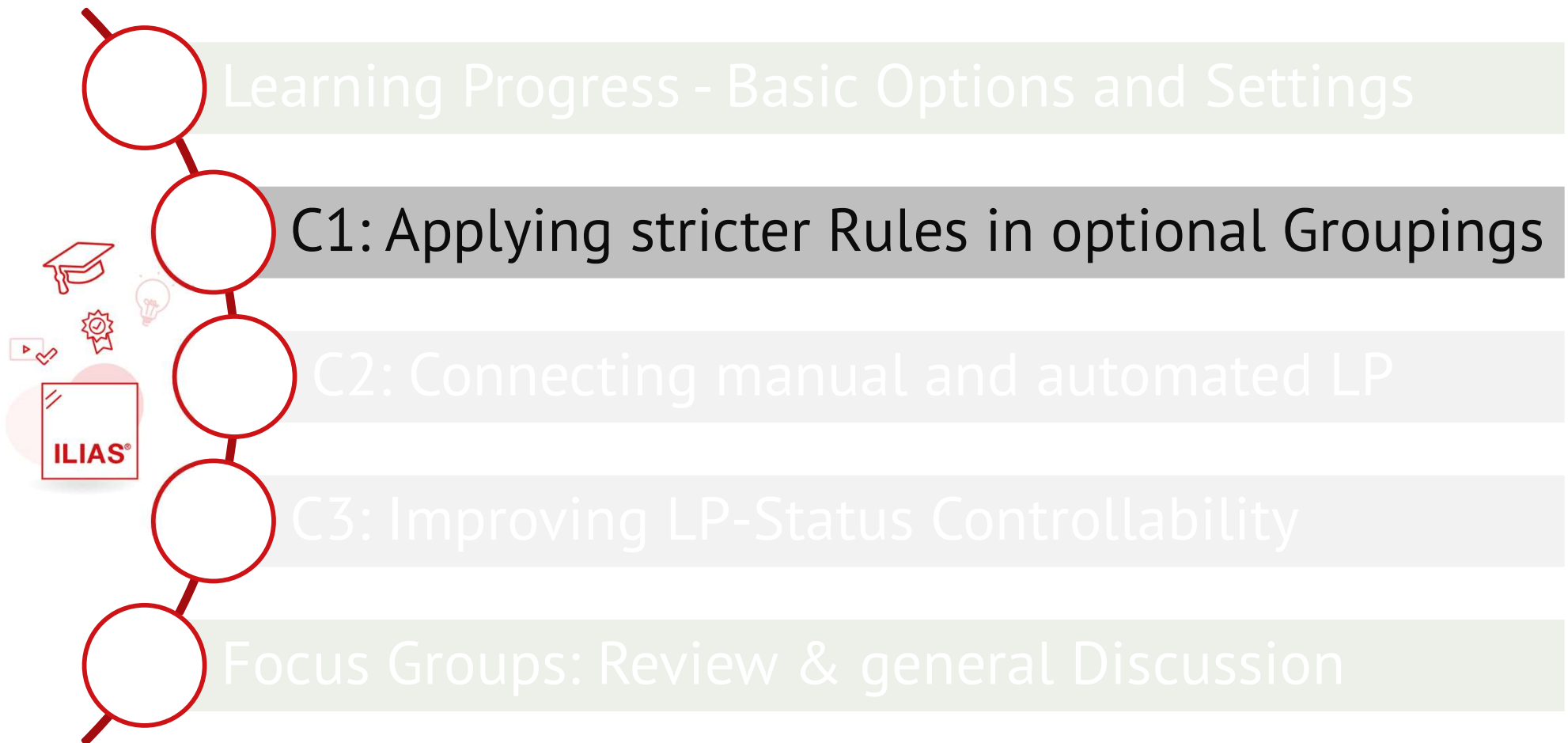
○ Status is determined by a collection of items

A user's learning progress status is determined by the learning progress status of a collection of items: If
Items can be assigned to the collection on this screen after saving this setting.

Flexibilize/Stabilize the Status

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Case 1: Applying stricter Rules in optional Groupings

Optional Assignments
"Failure is not an Option"

Pass Mode

○ All Mandatory Assignments
All mandatory assignments must be passed to pass the exercise.

● Minimum Number of Assignments
A minimum number of assignments must be passed to pass the exercise. This value must be equal or higher than the number of mandatory assignments.

Number of Assignments *   [1]
Minimum Value: 1

This value must be equal or higher than the number of compulsory assignments.

No failure allowed   ☑
Failing one optional assignment will result in a failed exercise.

○ Random Selection
This mode cannot be activated. Reason: Users have already submitted to assignments.

Case 1: Applying stricter Rules in optional Groupings

Item

ClickList - Copy
Mode: Status is Determined by a Collection of SCORM Items
Path: Testkurs 1

Databay-Drag&Drop-Beispiel - Copy
Mode: Status is Determined by a Collection of SCORM Items
Path: Testkurs 1

Minimum Number of Passed Materials: 1

dbay-test_Soundboard - Copy
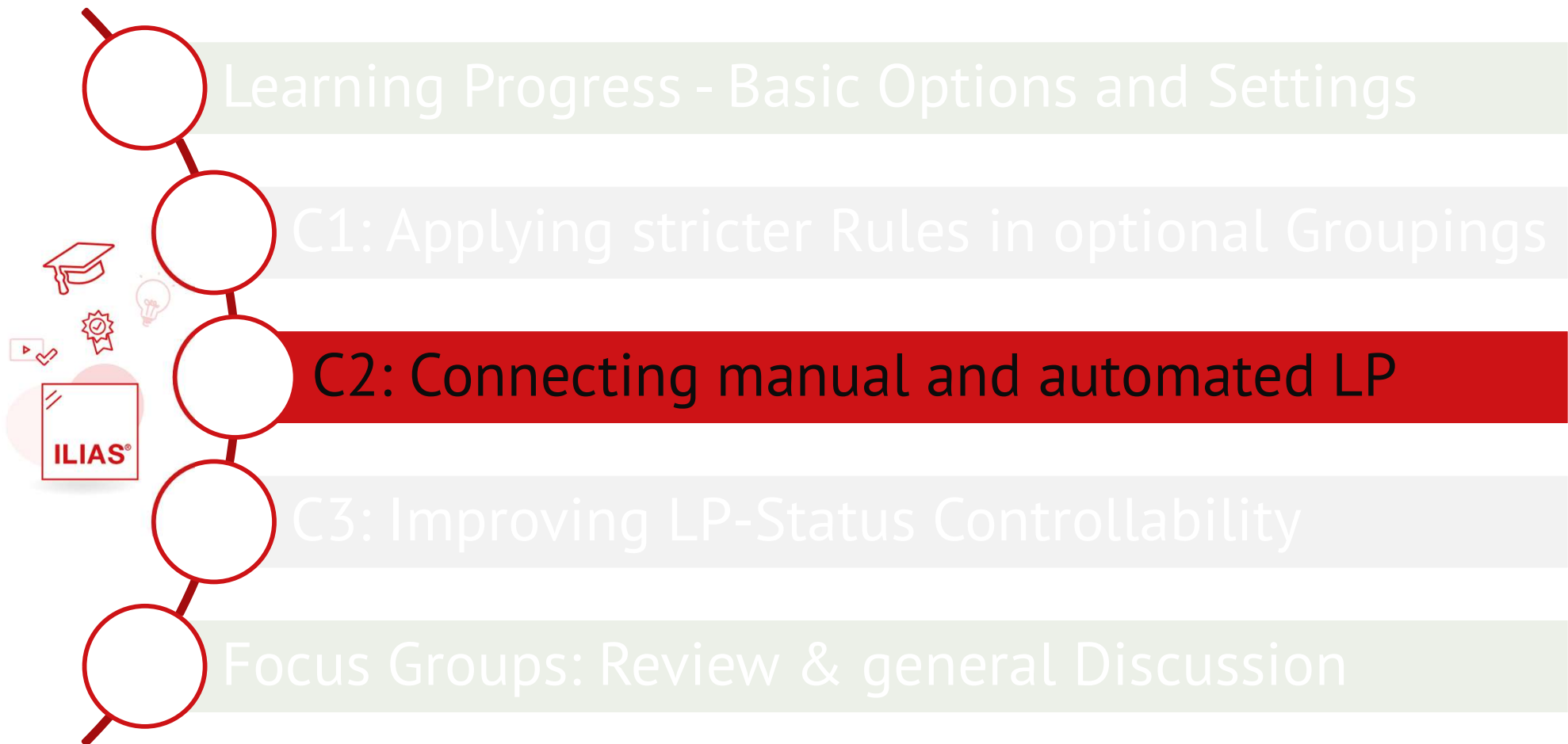Mode: Status is Determined by a Collection of SCORM Items
Path: Testkurs 1

Fastercourse_Travel for the Facts - Copy
Mode: Status is Determined by a Collection of SCORM Items
Path: Testkurs 1

Test - Copy
Mode: Minimally Required Amount of Time Spent on Learning Module
Path: Testkurs 1

Minimum Number of Passed Materials: 1

- Additional higher threshold across objects.
- Increasing the combined pass requirements.

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Learning Progress - Basic Options and Settings

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Focus Groups: Review & general Discussion

Case 2: Connecting manual and automated LP

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- Two independent settings are connected, thus improving the controllability / adaptability.

- But what should happen with certificates (e.g. in courses):

  - Automatic learning progress is completed but manual status gets switched to passed as well.
  - Manual Status is on green and automatic status switches to green for the first time.

- Should certificates could be recalculated or kept stable ("freeze")?

Case 2: Connecting manual and automated LP

- Especially a new calculation / recalculation increases the interpretation complexity.

- Need to track/logging of the learning progress becomes more important (Version history).

- Tracking/logging of the certificates is also useful.

Outline

Learning Progress - Basic Options and Settings

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Case 3: Flexibilize/Stabilize the Status

Completed

Failed

In Progress

Not Attempted
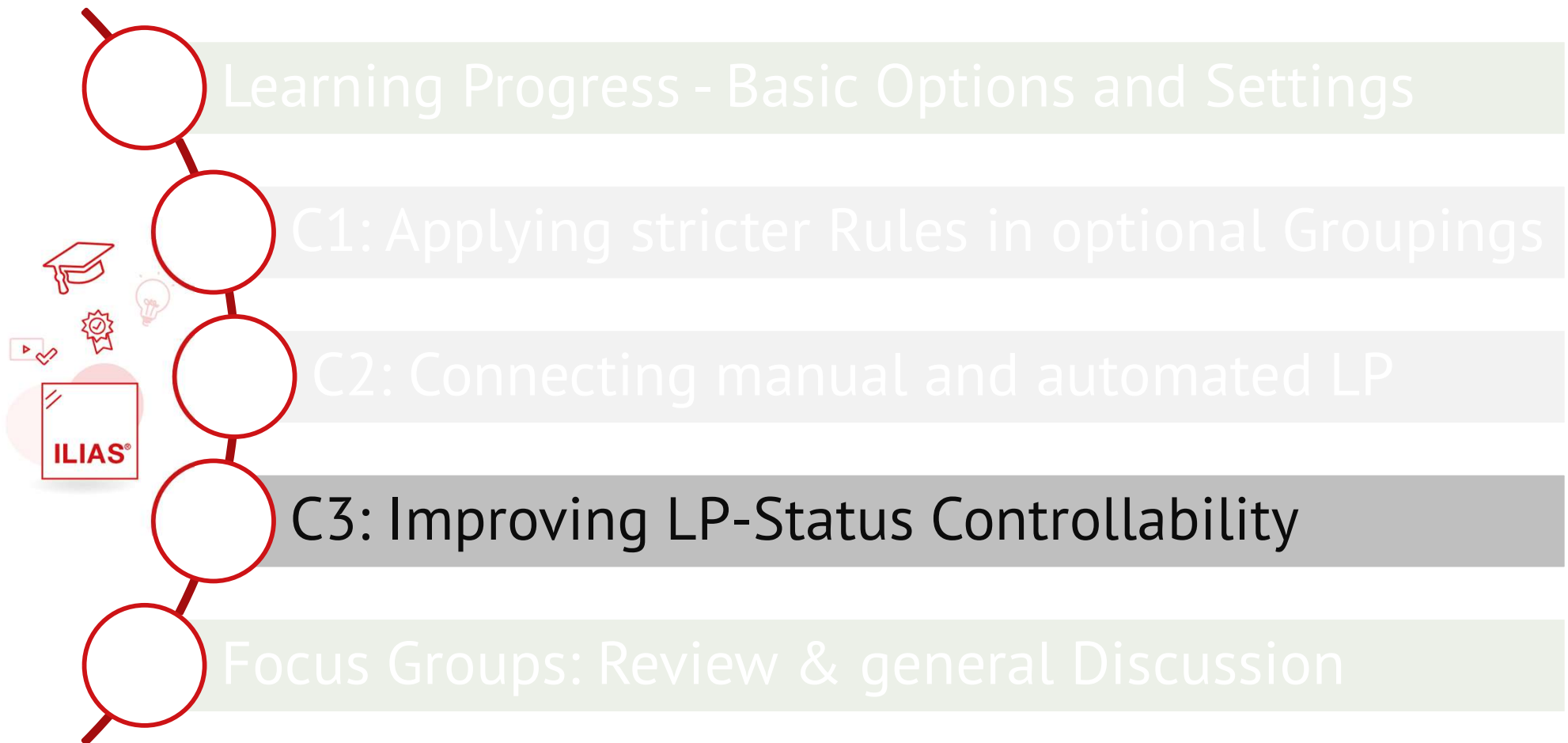
Improving Controllability

- Learning Progress is often restricted to "move forward".

- In certain use cases it is useful to reset/delete the learning progress (e.g. fulfill a yearly learning obligation in a course).

- In mandatory corporate courses it is useful to delete the learning progress (Courses containing Tests and ILIAS-/SCORM-Learning Modules)

- Enables Learners to document again, that they have recently learned.

Improving Controllability

- Deletion of Learning Progess in other objects can be difficult (e.g. Forum)

- Complete deletion of all data in an object vs. deletion of learning data on a user level

- Again: Interpretation complexity rises

- Need to track/logging of the learning progress becomes more important.

Improving Controllability

- Tracking/logging of status changes in certificates becomes more important.

- Another useful feature for the LP would be the "Freezing" of the Learning Progress to enhance the documentation reliability.

Outline

Learning Progress Basic Status Types

Failure is not an Option

Flexibilizing Learning Progress Settings

Improving Controllability

Focus Groups Review & Discussion

Focus Groups Review & Discussion

- What are your personal experiences with the learning progress?

- What are additional directions/cases do you identify personally?

- Which of the three cases is in your opinion the most important/relevant?

Case 1 und Case 2

- What would you do to reduce und manage the complexity?

- Do you think it is a good idea to recalculate certificates?

Thank you for your questions &comments