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GENIORS

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Draft Purex package ready for testing

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Summary

D12.4 consists of covering document with 4 .mp4 files

Approval

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D12.4 draft PUREX online training packages

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Work Package 12: Training and Education

ULEEDS

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Contributors

Work contribution to the following Domains and Work-Packages

☐ DOMAIN 1 WP1	☐ WP2	☐ WP3	☐ WP4
☐ DOMAIN 2 WP5	☐ WP6	☐ WP7	
☐ DOMAIN 3 WP8	☐ WP9	☐ WP10	
☐ DOMAIN 4 WP11	X WP12	☐ WP13	

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INTRODUCTION

Work Package 12 on Training, Education and Knowledge Management includes task 3 which will create online training packages that cover the Purex and iSanex/Ganex separation processes.

Each of the packages will contain information that would be suitable for advanced undergraduate or masters level students and give them a comprehensive background on history of their development, ligand structure and behaviour and application at scale.

The packages will be the equivalent to 2 UCS/1 ECTS. This is equivalent to 20 hours of contact time and will be delivered via 3-4 hours of online material..

The final packages will be made open access for use by all students wishing to apply to courses run by project partners or for in house training.

This report covers D12.4 and describes the draft training packages covering PUREX.

ONLINE PACKAGE CONTENT

The draft package is intended to give the GENIORS team an indication of the type, feel and overall technical content of the final training package.

There are four lessons that form the PUREX training package.

- **Part 1: Introduction to aqueous recycle**
- **Part 2: Applied PUREX (Head End)**
- **Part 3: Applied PUREX (Separation)**
- **Part 4: Applied PUREX (Finishing)**

The content takes the form of an .mp4 video file that has been generated from lecture material used at the University of Leeds and tailored for use on GENIORS. Video and sound recording has been carried out using equipment held by Prof. Hanson and so the quality may not be classed as professional. However, the content is at the level that will appear in the final version. In addition, the graphical content of the slides is at a level suitable for University teaching and is not professional quality. However, the on screen content will be the same in the final version.

DEVELOPMENTS THAT WILL BE CARRIED OUT ON THE DRAFT PACKAGES

The draft content is being developed by the Leeds Digital Education Service into the final product. A list of refinements are planned:

1. The final version of the packages will be in the form of an .mp4 file. The file will be divided into chapters and an annotated navigation bar will be added, so that people

viewing the lessons can move to specific points or go back and view earlier sections easily.

2. The files will be shared using an easily accessible open platform such as vimeo.
3. The final versions of the packages will have sound recording only, with a short video introduction. These will be recorded using professional standard equipment provided by DES.
4. The on screen content will be the same, however, the majority of the graphics will be redrafted using professional desk top publishing software for the final version. In addition, some graphics will benefit by animations and these will be added in.