



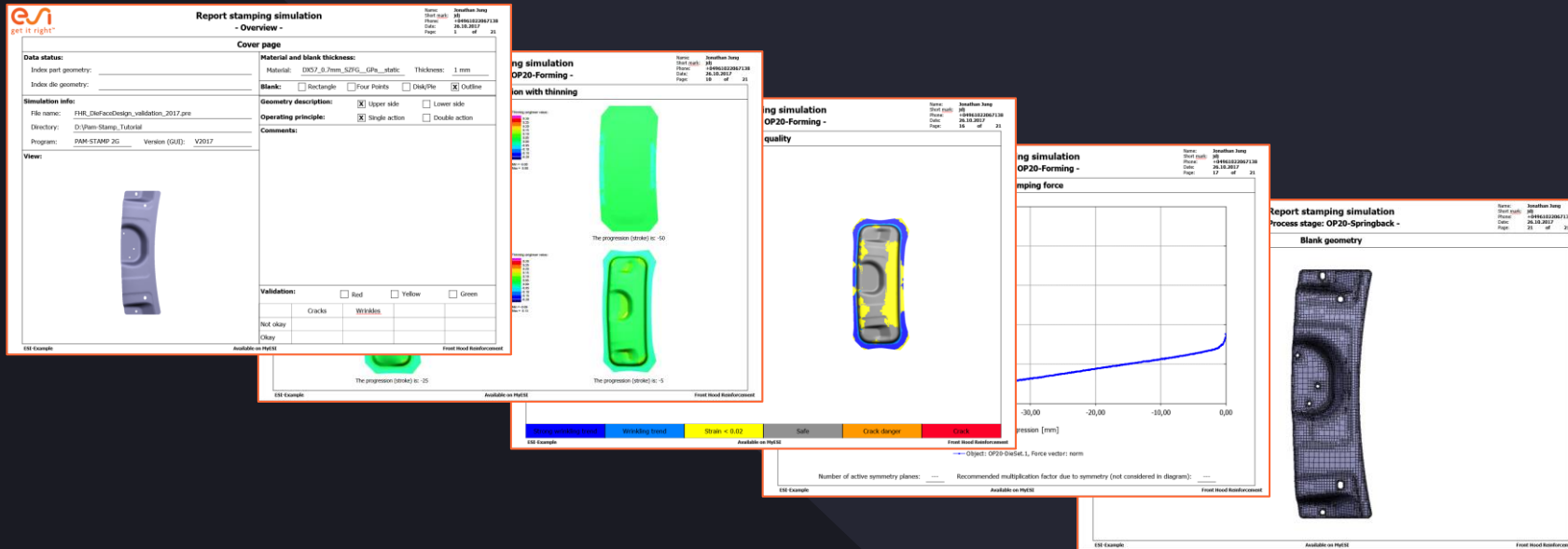
PAM-STAMP ReportingTool

Use and Customization

Generate new presentation User: Username | Short | Phone number
Continue active presentation Add Informations ☒ Information 1 Information 2 Information 3
+ - Default view, material coordinate system: +Z.OP20-Tipping frame

	>> Basic analysis		>> All stages analysis		
OP20-Gravity.....	Gravity	Forming	Trimming	Springback	>>
OP20-Closing.....	Gravity	Forming	Trimming	Springback	>>
OP20-Forming.....	Gravity	Forming	Trimming	Springback	>>
OP20-Springback.....	Gravity	Forming	Trimming	Springback	>>

Fast analysis Slide-template: Example_all Finish presentation
Recordings & Copies Add final page ☐



v3.1.8 - November 2024

GR/PAST/25/001/00/A



© ESI Group, 2024

This documentation is the property of ESI Group and is protected by intellectual property laws. Any reproduction of this document or communication to third parties, unless expressly authorized in writing by ESI Group, exposes its author to legal proceedings. This documentation is subject to limited distribution and restricted disclosure.

All products belonging to ESI's portfolio are tradenames or trademarks of ESI Group. Use of any ESI or its affiliates trademarks is subject to their express written approval. All other trademarks are the property of their respective owners and are also protected by the intellectual property laws.

THIS ESI GROUP SOFTWARE PRODUCT AND ASSOCIATED DOCUMENTATION INCLUDE TRADE SECRETS AND ARE CONFIDENTIAL AND PROPRIETARY PRODUCTS OF ESI GROUP, ITS AFFILIATES,

OR LICENSORS. The software products and documentation are furnished by ESI GROUP, its affiliates under the conditions of a software license agreement including, in particular, dispositions concerning intellectual property rights granted, non-disclosure, warranties, disclaimers, limitations of liability, compliance with exporting laws and data protection and remedies, and other provisions. The software products and documentation may be used, disclosed, transferred, or copied only in accordance with the terms and conditions of that software license agreement. Specifications are subject to change without prior notice.



PowerPoint ReportingTool 3.1.8

PAM-STAMP v2025.0

- Short introduction
- How to use the ReportingTool
- How to customize the ReportingTool
- What is new in Version 3.1.8?
- Changelog for older versions

Short introduction

- What is the ReportingTool?
 - It is an Add-In for Microsoft PowerPoint
 - It helps to create a report for a PAM-STAMP project
 - Semi-automatically
 - Automatically
 - It can be customized to the need of the users
- How does it work?
 - Reads information from the PAM-STAMP project
 - Starts PAM-STAMP to create graphs, contour plots, pictures, ...
 - Inserts these into a PowerPoint presentation



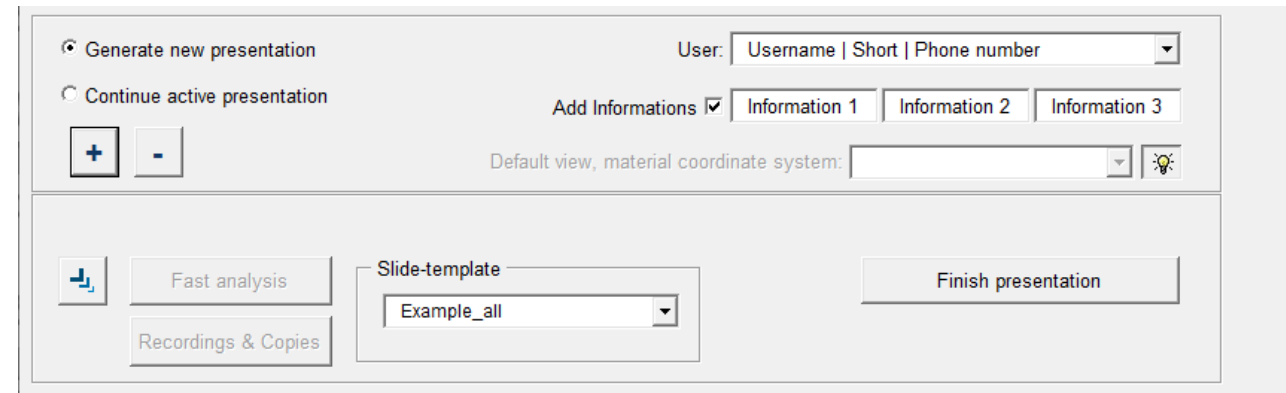
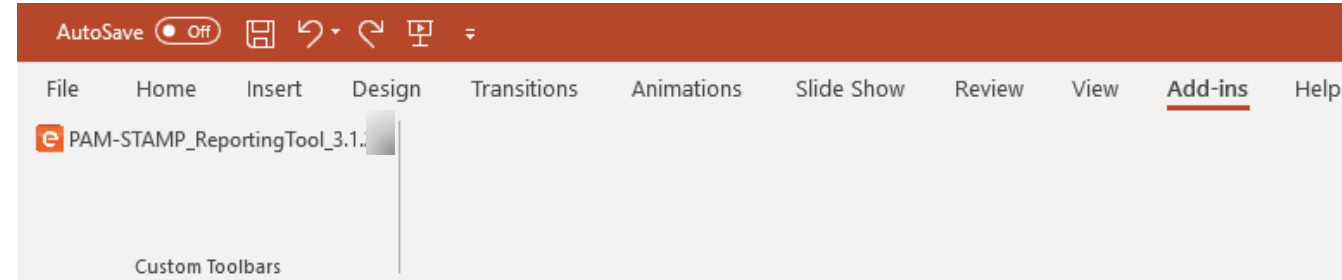
How to use the ReportingTool

How to use the ReportingTool

- Installation of the ReportingTool
 - A setup.exe automatically installs the ReportingTool
 - ReportingTool Directory → C:\Program Files\ESI Group\
 - PowerPoint Macro (ppam) → C:\ProgramData\Microsoft\AddIns
 - System variables
 - Language: PAM-STAMP_REPORTINGLANG = English
 - Directory: PAM-STAMP_REPORTINGDIR =
C:\Program Files\ESI Group\PAM-STAMP_ReportingTool_3.1.8\
 - Also link from MS Office installations to the ReportingTool Add-In
 - Shortcuts
 - Desktop: C:\Users\Public\Desktop\ESI Group\
 - Start menu: C:\ProgramData\Microsoft\Windows\Start Menu\Programs\ESI Group\PAM-STAMP_ReportingTool_3.1.8
 - Can also be done by hand

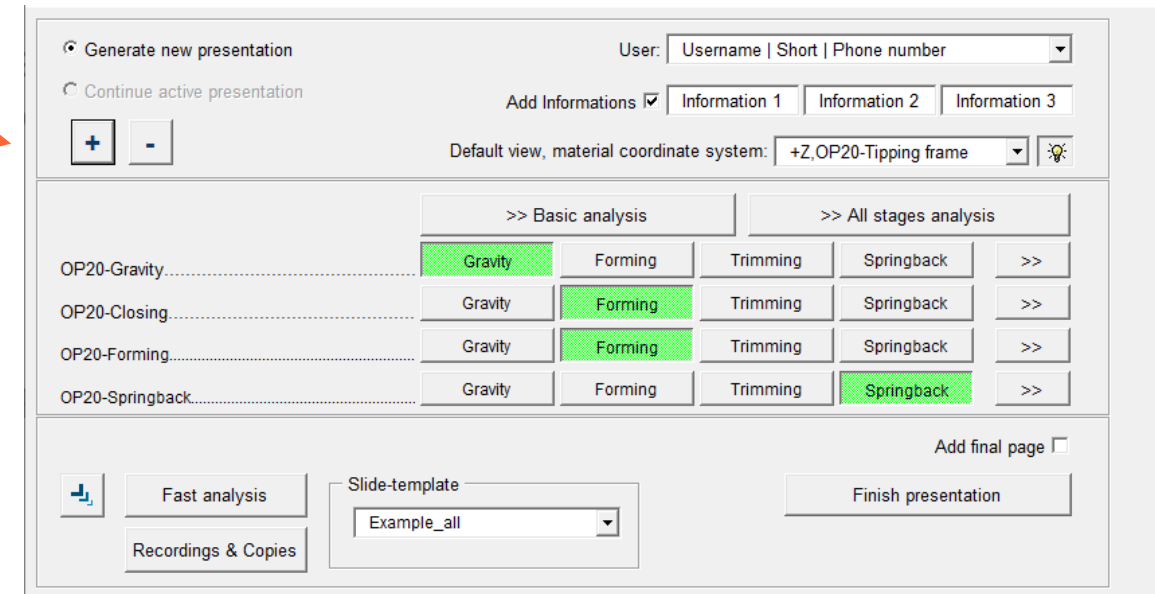
How to use the ReportingTool

- Usage of the ReportingTool
 - Start by clicking on “PAM-STAMP_ReportingTool_3.1.8” (in the “Add-Ins” Tab of PowerPoint)
 - Main Window of the ReportingTool opens
- Start new or continue active presentation
- Load a project / a single state “+”
Unload a state “-”
- Insert information about
 - User
 - Project (part number, ...)
- Choose a template → customization



How to use the ReportingTool

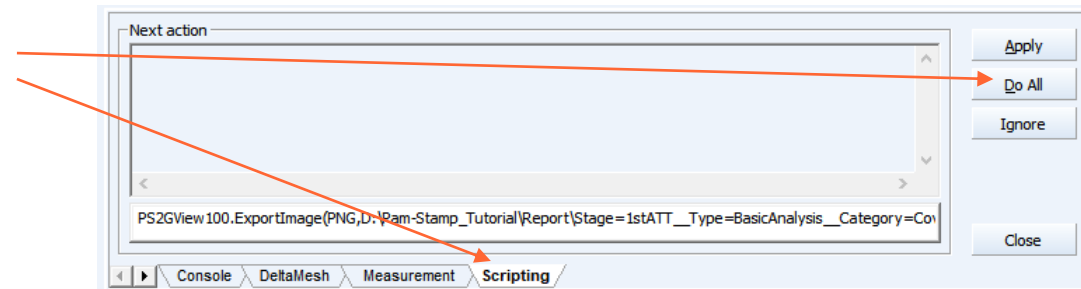
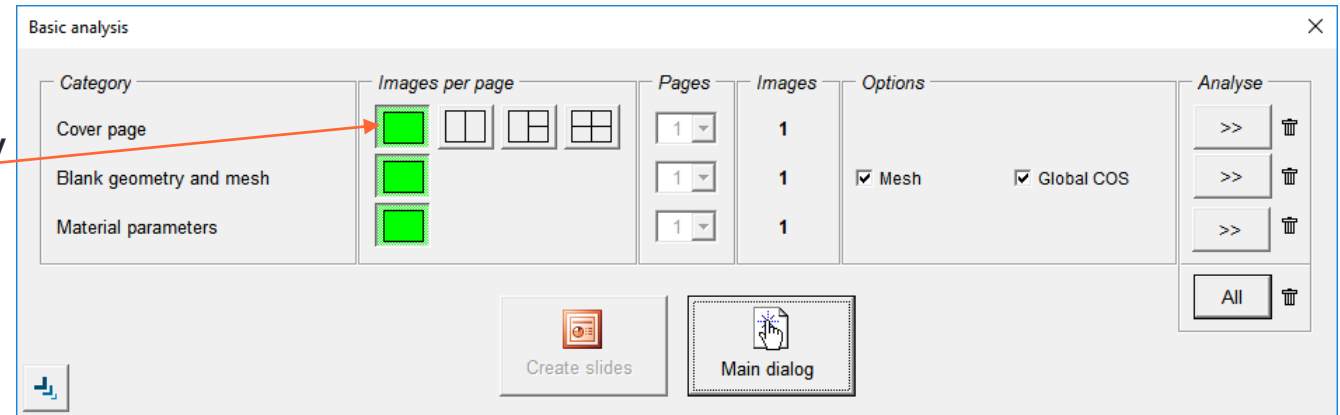
- Usage of the ReportingTool
 - After choosing the PAM-STAMP project
 - *.att-file is read
 - Default view is selected (can be changed)
 - Stages are displayed in the main window
 - Type of each stage is identified (could be changed by hand – click on button)
 - Project could now be analyzed
 - Basic analysis
 - All-stages
 - Each single stage
 - New: Fast analysis
 - New: Record & Copy an analysis



The screenshot shows the PAM-STAMP ReportingTool interface. At the top, there are two radio buttons: "Generate new presentation" (selected) and "Continue active presentation". To the right of these is a "User:" dropdown menu showing "Username | Short | Phone number". Below the radio buttons are two buttons, "+" and "-", which are highlighted by an orange arrow from the text "(can be changed)" in the list. To the right of these buttons are three checkboxes labeled "Add Informations", "Information 1", "Information 2", and "Information 3". Below these is a "Default view, material coordinate system:" dropdown menu showing "+Z,OP20-Tipping frame" and a lightbulb icon. The main area contains two tabs: ">> Basic analysis" and ">> All stages analysis". Below these tabs is a table with four rows of analysis stages and five columns of buttons. The first column lists the stages: "OP20-Gravity...", "OP20-Closing...", "OP20-Forming...", and "OP20-Springback...". The other columns contain buttons for "Gravity", "Forming", "Trimming", "Springback", and ">>". The "Gravity" button for "OP20-Gravity..." is highlighted in green. The "Forming" button for "OP20-Closing..." is highlighted in green. The "Forming" button for "OP20-Forming..." is highlighted in green. The "Springback" button for "OP20-Springback..." is highlighted in green. At the bottom, there are several buttons: "Fast analysis", "Recordings & Copies", "Slide-template" (with a dropdown menu showing "Example_all"), "Add final page" (checkbox), and "Finish presentation".

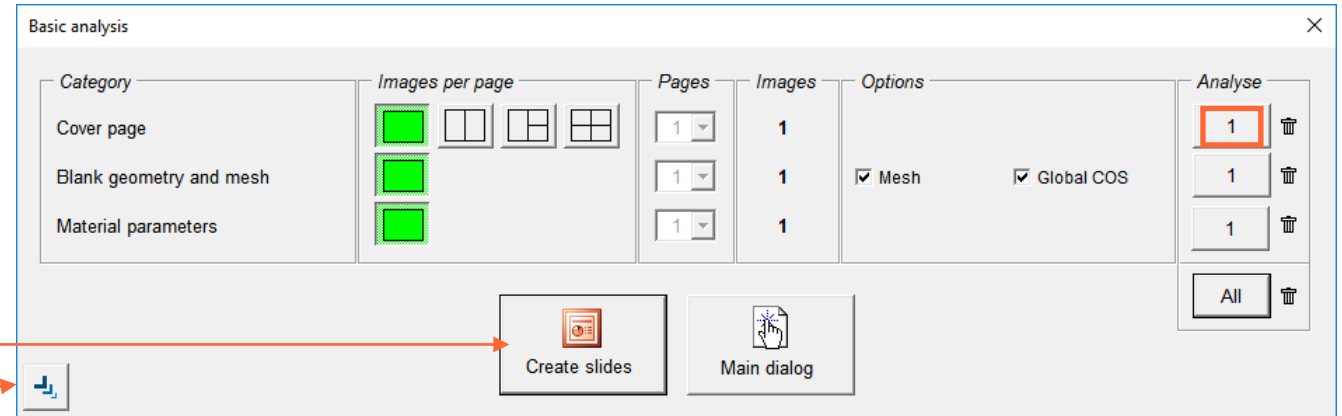
How to use the ReportingTool

- Usage of the ReportingTool
 - Basic analysis
 - Choose layout / deactivate category (click on the buttons) 
 - Analyze one category
 - Analyze all categories  → PAM-STAMP is started
 - Confirm the view in PAM-STAMP
 - “Scripting tab” of the “Output-toolbar” (to activate it: Views → Toolbar → Output)
 - Click on “Do All ”



How to use the ReportingTool

- Usage of the ReportingTool
 - Basic analysis
 - If analysis has been done
→ Number of images displayed
 - Pictures can be deleted 
 - Creates slides and adds the pictures
 - Pictures can be trimmed
 - “Main dialog” leads back to the main window



How to use the ReportingTool

- Usage of the ReportingTool
 - Basic analysis
 - Cover page, for example, looks like this
 - Information are filled in automatically
 - Name, Short mark, Information, ... will be filled in when closing the ReportingTool
 - Appearance of all slides can be customized



Report stamping simulation
- Overview -

Name: xxxxxx
Short mark: xxxxx
Phone: xxxxxx
Date: xxx.xxx.xx
Page: 4 of xx

Cover page				
Data status: Index part geometry: _____ Index die geometry: _____		Material and blank thickness: Material: DX57_0.7mm_SZFG_GPa__static Thickness: 1 mm		
Simulation info: File name: FHR_DieFaceDesign_validation_2017.pre Directory: D:\Pam-Stamp_Tutorial Program: PAM-STAMP 2G Version (GUI): V2017		Blank: ☐ Rectangle ☐ Four Points ☐ Disk/Pie ☒ Outline		
View: 		Geometry description: ☒ Upper side ☐ Lower side		
		Operating principle: ☒ Single action ☐ Double action		
		Comments:		
		Validation: ☐ Red ☐ Yellow ☐ Green		
	Cracks	Wrinkles		
Not okay				
Okay				

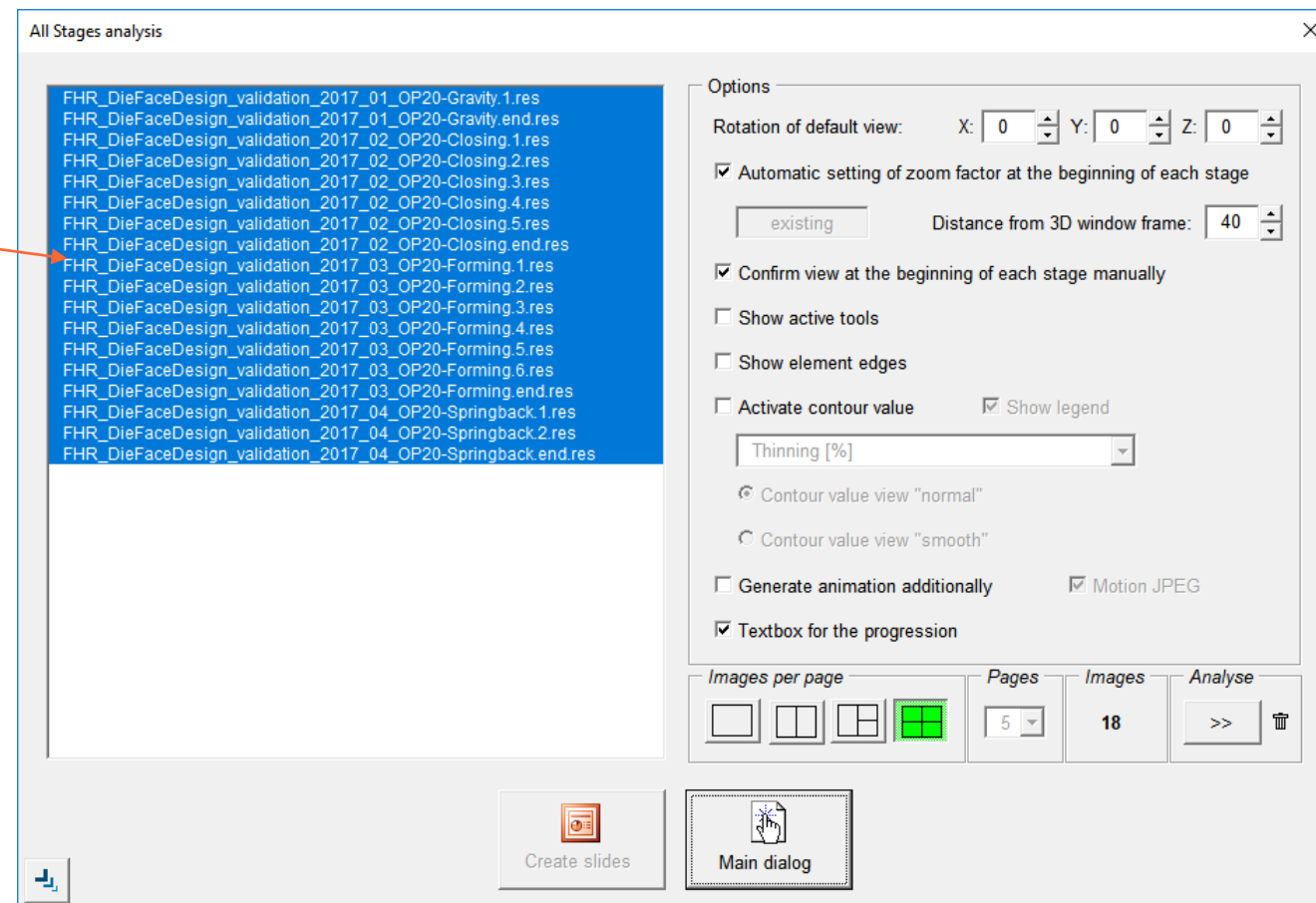
Info1

Info 2

Info 3

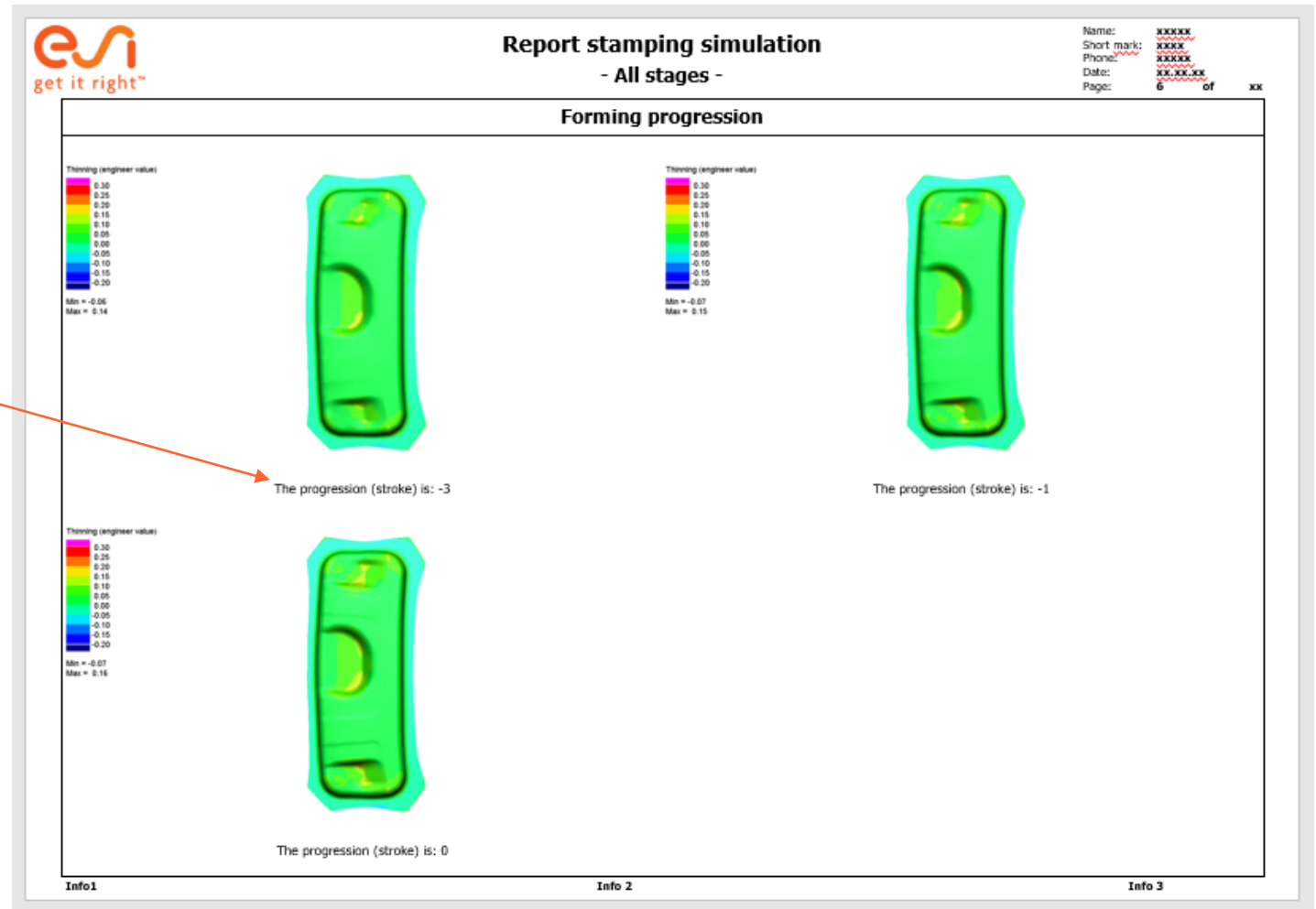
How to use the ReportingTool

- Usage of the ReportingTool
 - All stages analysis
 - Select states, which should be analyzed
 - Options for the analysis
 - Contour value (thinning, thickness, ...) New: distance to lower tools
 - Confirm view (in PAM-STAMP) can be ticked off → no user action
 - New: Textbox with the progression under each picture
 - ...
 - Start analysis with 
 - Handling mainly the same as the “basic analysis”



How to use the ReportingTool

- Usage of the ReportingTool
 - All stages analysis
 - Slides look like this
 - Here: blank with thinning
 - One picture for each state
 - New: Progression in a textbox (text can be customized)



How to use the ReportingTool

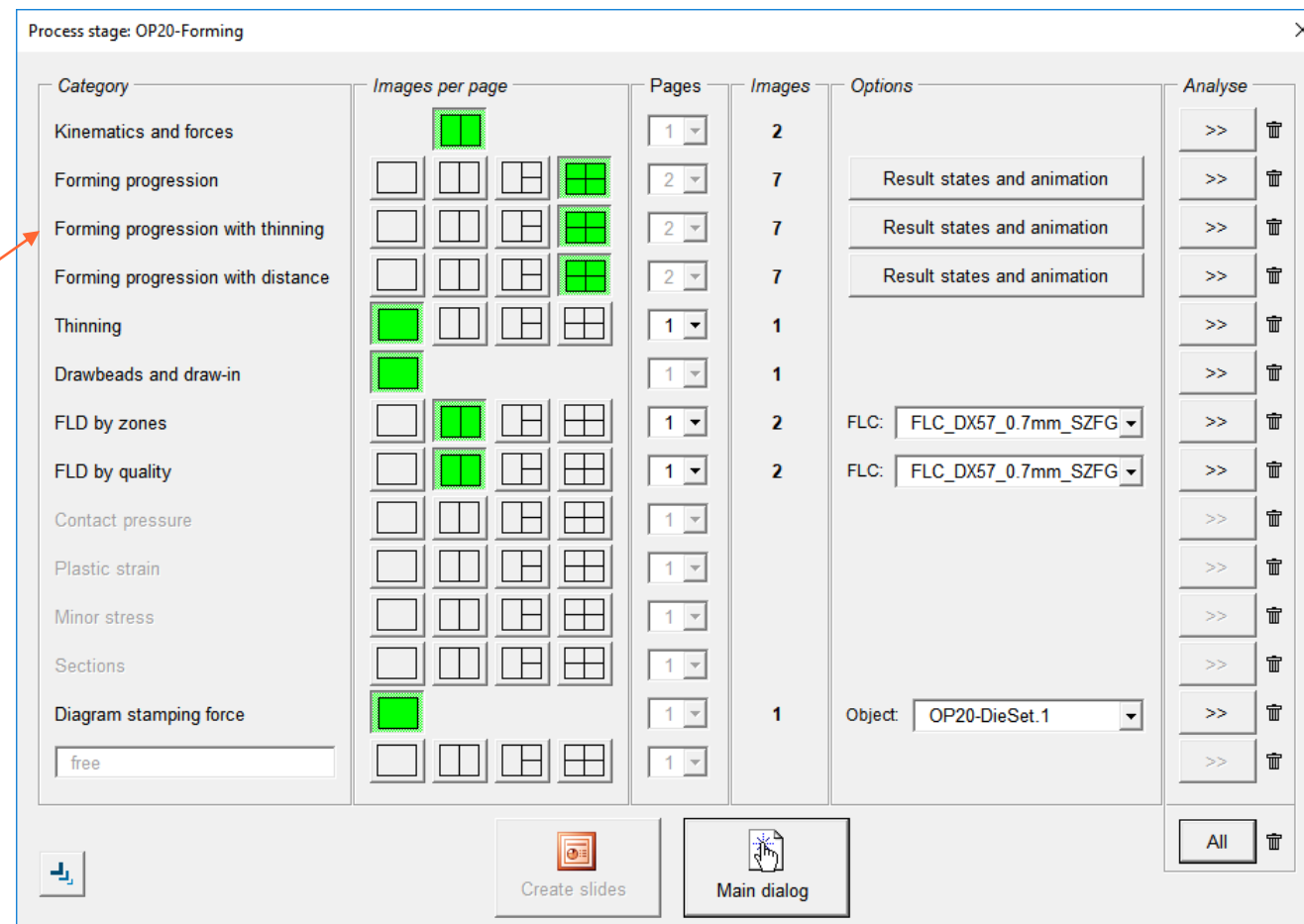
- Usage of the ReportingTool
 - Gravity analysis
 - Trimming analysis
 - Springback analysis
- Handling mainly the same as the “basic analysis”
 - Special categories, relevant for this stage-type
 - “free” category:
 - A view, contour, ...
can be chosen by hand (in PAM-STAMP)
 - Pages: Number of pages (thus pictures)
can be chosen for some categories
→ View from different sides

The screenshot displays the PAM-STAMP ReportingTool interface with three stacked panels, each representing a different process stage. The panels are titled 'Process stage: OP20-Gravity', 'Process stage: OP20-Springback', and 'Process stage: OP20-Springback'. Each panel contains a 'Category' list, a grid for 'Images per page', a 'Pages' dropdown menu, an 'Images' count, an 'Options' section, and an 'Analyse' section with buttons for '>>', a trash icon, and an 'All' button. The 'Category' list in the first two panels includes 'Blankholder geometry', 'Self-weight', and 'free'. The 'Category' list in the third panel includes 'Springback', 'Distance to reference', 'Minor Stress', and 'free'. The 'Options' section in the third panel includes checkboxes for '+/-', 'Best-fit', and 'Physical'. Arrows from the text on the left point to the 'free' category in the first two panels and the 'Springback' category in the third panel.

Process stage	Category	Images per page	Pages	Images	Options	Analyse
OP20-Gravity	Blankholder geometry	☒	1	1		>>
	Self-weight	☒	1	1		>>
	free	☐	1			>>
OP20-Springback	Blank geometry	☒	1	1		>>
	free	☐	1			>>
						All
OP20-Springback	Springback	☒	1	1	☐ +/-	>>
	Distance to reference	☒	1	1	☐ Best-fit ☐ +/- ☐ Physical	>>
	Minor Stress	☒	1	1		>>
	free	☐	1			>>

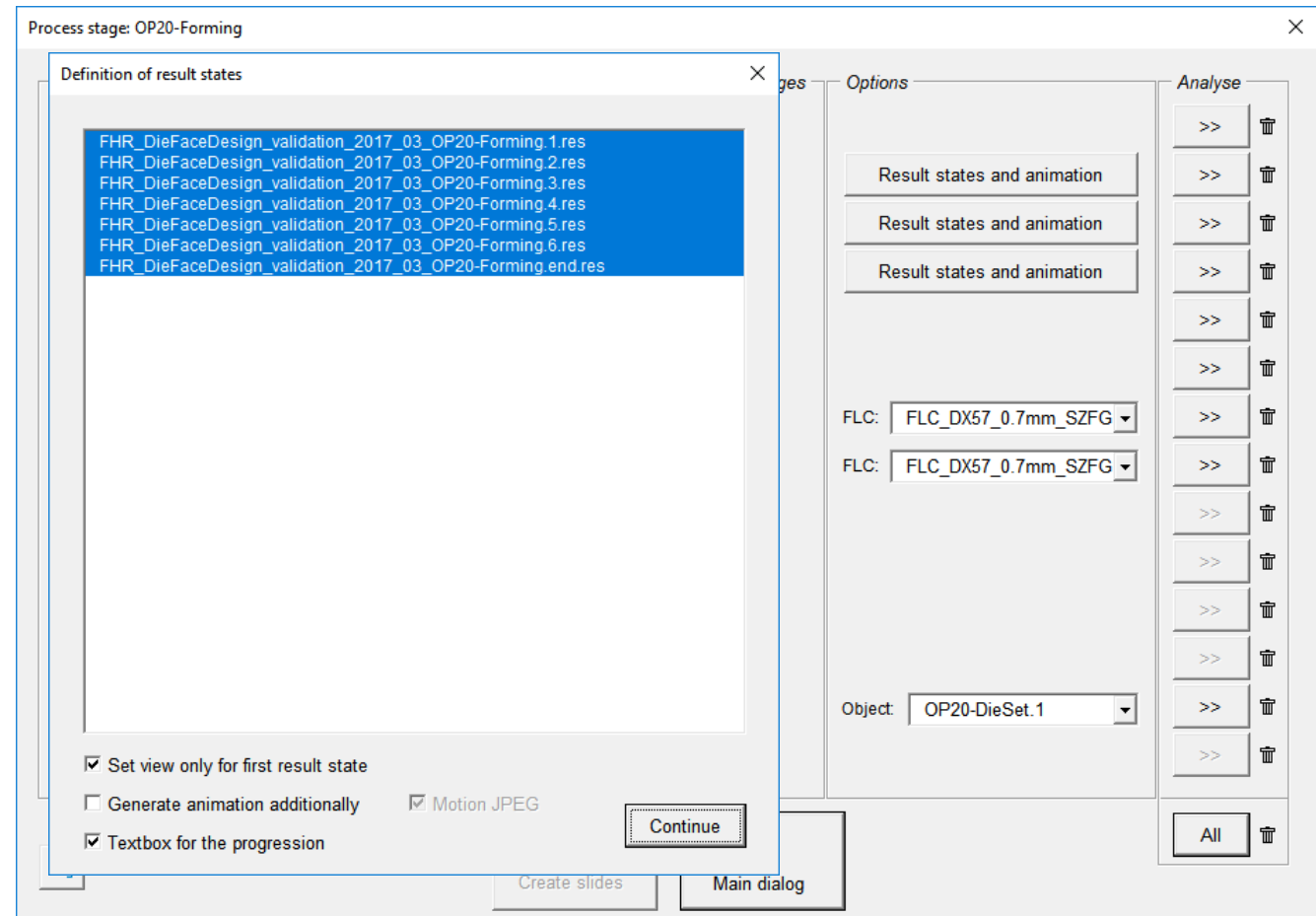
How to use the ReportingTool

- Usage of the ReportingTool
 - Forming analysis
 - Options to choose: FLC for FLD
 - Option to choose: Object for the stamping force
 - 3 special categories, with the forming progression of this stage
 - Options can be chosen by clicking on “Result states and animation”
 - See next slide



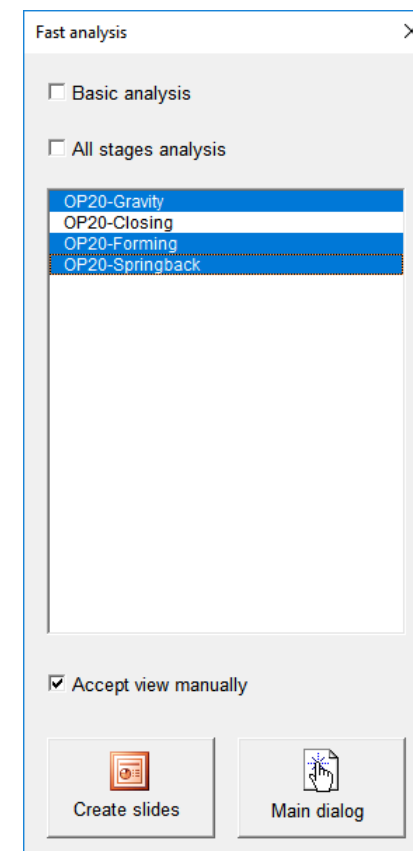
How to use the ReportingTool

- Usage of the ReportingTool
 - Forming analysis
 - “Result states and animation”
 - Choose the states
 - Generate animations
 - Choose, if textbox should be displayed
 - Choose, if the view (in PAM-STAMP) should only be set on the first result
 - “Continue” leads back to the “Forming analysis”



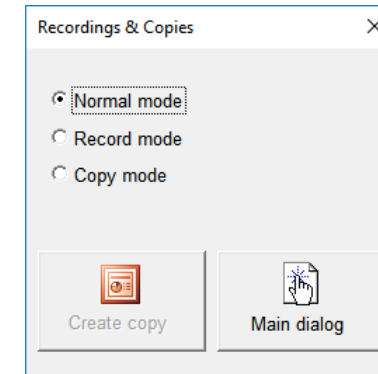
How to use the ReportingTool

- Usage of the ReportingTool
 - Fast analysis
 - Choose which analysis is done
 - Basic analysis (tick-box)
 - All stages analysis (tick-box)
 - Each stage (select stage in list)
Preselection can be defined → customization
 - Choose, if the view should be accepted
 - If not, the default view will be chosen always
 - But no further user-action is needed
 - “Create slides” will run the analysis
 - It will run each analysis (basic, all stages, ...) with the default settings
 - Basically, the same as clicking the  - Button for each analysis and then “Create slides”



How to use the ReportingTool

- Usage of the ReportingTool
 - Recordings & Copies
 - Normal mode:
 - Nothing is done
 - Everything as before
 - Record mode:
 - Every user-action is recorded
 - Saved inside a folder (at clicking “Finish Presentation”)
 - Copy mode:
 - The recorded analysis is “replayed”
 - Another project can be chosen (all the same analysis, views, ... will be chosen)
 - Useful when variants are investigated
 - With focus on a critical region
 - Only parameters are changed (blankholder force, stamping velocity, drawbeads, ...)
 - **Names of objects for record and copy must be the same!**



How to use the ReportingTool

- Usage of the ReportingTool
 - “Finish presentation” closes the ReportingTool
 - A final page can be added
 - Adds Information, name, ... to all slides (via Master Template)

The screenshot displays the PAM-STAMP ReportingTool interface. At the top, there are two radio buttons: "Generate new presentation" (selected) and "Continue active presentation". To the right, the "User:" field shows "Jonathan Jung | jdj | +4961022067138". Below the radio buttons, there are two buttons: a "+" button and a "-" button. To the right of these buttons, the "Add Informations" checkbox is checked, and the "Default view, material coordinate system:" dropdown is set to "+Z,OP20-Tipping frame".

The main area contains two tabs: ">> Basic analysis" (selected) and ">> All stages analysis". Below the tabs, there is a table with four rows and five columns. The first column lists analysis stages, and the subsequent columns are buttons for "Gravity", "Forming", "Trimming", and "Springback", each followed by a ">>" button.

	Gravity	Forming	Trimming	Springback	>>
OP20-Gravity.....	Gravity	Forming	Trimming	Springback	>>
OP20-Closing.....	Gravity	Forming	Trimming	Springback	>>
OP20-Forming.....	Gravity	Forming	Trimming	Springback	>>
OP20-Springback.....	Gravity	Forming	Trimming	Springback	>>

At the bottom, there are several buttons and a dropdown menu. On the left, there is a "Fast analysis" button and a "Recordings & Copies" button. In the center, there is a "Slide-template" dropdown menu set to "DEFAULT". On the right, there is a "Finish presentation" button and an "Add final page" checkbox.

How to use the ReportingTool

- Usage of the ReportingTool
 - “Finish presentation” closes the ReportingTool
 - A final page can be added
 - Adds Information, name, ... to all slides (via Master Template)
 - Cover page then looks like this
 - Name, Short mark, ...
 - Information

esi get it right™

Report stamping simulation
- Overview -

Name: Jonathan Jung
Short mark: jdj
Phone: +049 61022067138
Date: 24.10.2017
Page: 4 of 6

Cover page

Data status: Index part geometry: _____ Index die geometry: _____	Material and blank thickness: Material: DX57_0.7mm_SZFG_GPa__static Thickness: 1 mm Blank: ☐ Rectangle ☐ Four Points ☐ Disk/Pie ☒ Outline															
Simulation info: File name: FHR_DieFaceDesign_validation_2017.pre Directory: D:\Pam-Stamp_Tutorial Program: PAM-STAMP 2G Version (GUI): V2017	Geometry description: ☒ Upper side ☐ Lower side Operating principle: ☒ Single action ☐ Double action Comments:															
View: 	Validation: ☐ Red ☐ Yellow ☐ Green <table><thead><tr><th></th><th>Cracks</th><th>Wrinkles</th><th></th><th></th></tr></thead><tbody><tr><td>Not okay</td><td></td><td></td><td></td><td></td></tr><tr><td>Okay</td><td></td><td></td><td></td><td></td></tr></tbody></table>		Cracks	Wrinkles			Not okay					Okay				
	Cracks	Wrinkles														
Not okay																
Okay																

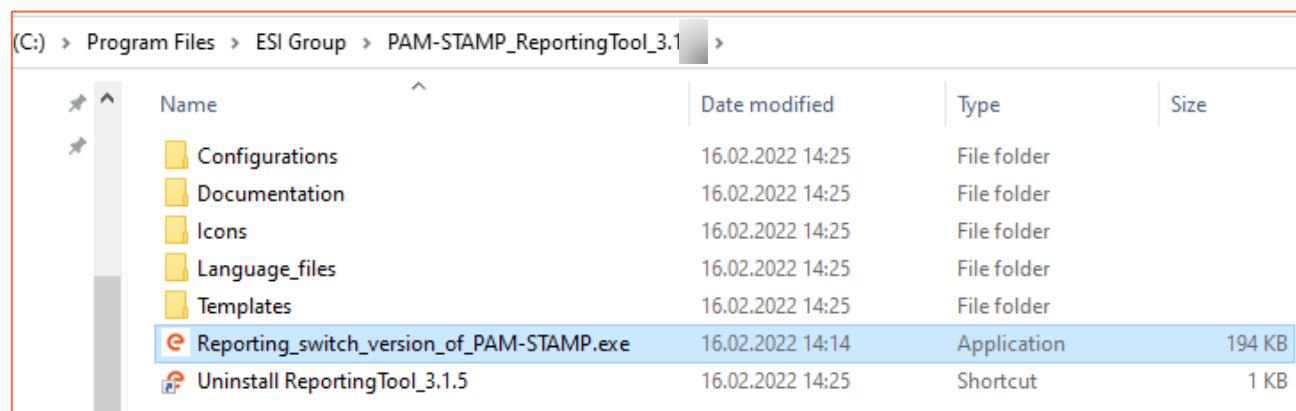
ESI-Example Available on MyESI Front Hood Reinforcement



How to customize the ReportingTool

How to customize the ReportingTool

- Files for the ReportingTool are located in:
 - C:\Program Files\ESI Group\PAM-STAMP_ReportingTool_3.1.8
 - Can be changed to any other folder defined by the system variable “PAM-STAMP_REPORTINGDIR”
- Configurations:
 - Configuration files for the ReportingTool
 - Configuration files for PAM-STAMP
- Language_files:
 - Text for the ReportingTool windows
 - Test for (error) messages
- Templates:
 - PowerPoint templates, which will be used for creating the presentation



How to customize the ReportingTool

- Folder-structure:

- Configurations

- English

- PAM-STAMP_ReportingTool_3.1.8.cfg
 - PAM-STAMP_ReportingTool_3.1.8_Example_all.cfg
 - PAM-STAMP_ReportingTool_3.1.8_Example_var_thickness.cfg
 - templates.cfg

Necessary
files

Customization
files

*Configuration of the ReportingTool
(default categories to evaluate,
layout, ...)*

- German

- ... (same as in English-folder)

- Stamp2G_GPa.cfg

- Stamp2G_MPa.cfg

- Stamp2G_var_thickness.cfg

*Configuration of PAM-STAMP
(default contours, custom
commands, ...)*

How to customize the ReportingTool

- Folder-structure:

- Language_files

- English

- Forms.txt

- Messages.txt

- German

- Forms.txt

- Messages.txt

Necessary
files

Text for ReportingTool windows

Text for (error) messages, some of them will be included in the presentation (e.g. text for progression)

Customization
files

How to customize the ReportingTool

- Folder-structure:

- Templates

- English

- ____Template_MASTER.pot
 - Template_Comments.ppt
 - Template_Cover_page.ppt
 - Template_Cover_page_Example_all.ppt
 - Template_Default_page.ppt
 - Template_Distance.ppt
 - Template_Distance_Example_all.ppt
 - Template_Drawbeads.ppt
 - Template_Final_page.ppt
 - Template_FLD_by_quality.ppt

- German

- ... (same as in English-folder)

- ▶ Template_FLD_by_zones.ppt
- ▶ Template_Geometry.ppt
- ▶ Template_Hardening_curve.xls
- ▶ Template_Kinematics.ppt
- ▶ Template_Material.ppt
- ▶ Template_Stamping_force.ppt
- ▶ Template_Stamping_force.xls

PowerPoint slides, which are used to create the presentation

How to customize the ReportingTool

- Adding a new language
 - A new folder named <Language> must be added to
 - Configurations
 - Language_files
 - Templates
 - The files inside an existing language (English, German) must be copied and translated into the new <Language> - folders
 - The system variable must be set to the new language:
 - PAM-STAMP_REPORTINGLANG = <Language>

How to customize the ReportingTool

- Adding Slide-templates

- Adding the “templates.cfg” file
 - In the “Configurations” folder
 - One template-name in each row (e.g. “Example_all”)
 - Default template marked with “*”
 - See the example files provided with this version

- Adding customized *.cfg files for the ReportingTool

- The original *.cfg file-name has to be extended with “_<template-name>” (e.g. PAM-STAMP_ReportingTool_3.1.8_Example_all.cfg)
- If no such file exists, the default will be used

The screenshot displays the PAM-STAMP ReportingTool interface. At the top, there are options to 'Generate new presentation' or 'Continue active presentation', a user selection dropdown, and checkboxes for 'Add Informations' (Information 1, 2, 3). Below this is a table for analysis stages: 'Basic analysis' and 'All stages analysis'. The table lists four processes: OP20-Gravity, OP20-Closing, OP20-Forming, and OP20-Springback, each with buttons for Gravity, Forming, Trimming, and Springback. At the bottom, there are buttons for 'Fast analysis', 'Recordings & Copies', and 'Finish presentation'. A 'Slide-template' dropdown menu is highlighted with a red box, showing options: 'DEFAULT', 'Example_all', and 'Example_var_thickness'.

	>> Basic analysis				>> All stages analysis			
OP20-Gravity.....	Gravity	Forming	Trimming	Springback	>>			
OP20-Closing.....	Gravity	Forming	Trimming	Springback	>>			
OP20-Forming.....	Gravity	Forming	Trimming	Springback	>>			
OP20-Springback.....	Gravity	Forming	Trimming	Springback	>>			

How to customize the ReportingTool

- Adding Slide-templates
 - Customize the *.cfg files for PAM-STAMP
 - 1. possibility: define another PAM-STAMP config-file (in the ReportingTool config)
 - Done in PAM-STAMP_ReportingTool_3.1.8_Example_var_thickness.cfg
 - 2. possibility: add “Contour presets” to the existing PAM-STAMP config-file
 - Contour preset name must be the same as the template-name
 - If no special “Contour preset” exists, the default will be used
 - Done in “Stamp2G_MPa.cfg” for “OBJECT_DISTANCE”
 - Different “Contour presets” have been defined (named “DEFAULT”, “Example_all”)

How to customize the ReportingTool

- Adding Slide-templates
 - Customize the PowerPoint-templates
 - Existing templates can be changed
 - Yellow fields will be filled in by the ReportingTool
 - Yellow fields can be deleted or moved around in the same ppt-file (so the ppt-files can be customized to look the way you want)
 - Copying a yellow field to another ppt-file will **not** work
 - The “___Template_MASTER.pot” will be applied to all other slides of the report
 - Can also be customized
 - Change for example the ESI logo to your company logo
 - Adding extra templates
 - Extend the name with “_<template-name>” (e.g. Template_Coverpage_Example_all.ppt)
 - This template will be chosen, when the “Slide-Template” with the same name (e.g. Example_all) is selected
 - The “Template_Distance.ppt” is not mandatory
 - Will be used if a distance between objects is displayed
 - If it does not exist, the “Template_Default_page.ppt” will be used instead

How to customize the ReportingTool

- Adding Slide-templates
 - What does the ReportingTool during an analysis?
 - Check which Slide-template is chosen
 - Check if a ReportingTool config with the corresponding name exists
 - Yes → This config is used
 - No → Default config is used
 - Check if the “Contour preset” with the corresponding name exists in the PAM-STAMP config (defined in the ReportingTool config)
 - Yes → This “Contour preset” is used
 - No → Default “Contour preset” is used
 - Check if a ppt-template with the corresponding name exists
 - Yes → This a ppt-template is used
 - No → Default ppt-template is used

How to customize the ReportingTool

- Changing the ReportingTool config
 - Detailed information in the PAM-STAMP ReportingTool PDF Documentation
 - Categories can be customized
 1. Keyword: DEFAULTS_...
 2. Description (in ReportingTool window)
 3. PAM-STAMP command to execute
 4. View for contour value (smoothed / normal)
 5. Active by default
 6. Default Layout
 7. Default number of pages
 - Do **not** change a "X"
 - Do **not** add or delete a row

```
#####
#
PAM-STAMP_DIR | C:\Program Files (x86)\ESI Group\PAM-STAMP\2017.0
#
#####
#
PAM-STAMP_GUI | C:\Program Files (x86)\ESI Group\PAM-STAMP\2017.0\Binary-64Bit\GUI\stamp.exe
#
#####
#
PAM-STAMP_CFG | DEFAULT
#
#####
#
POWERPOINT_TEMPLATES_DIR | DEFAULT
#
#####
#
*USER | ### | ### | ###
*USER | Username | Short | Phone number
USER | Adjustable by config file | ... | ...
USER | Adjustable by config file | ... | ...

INFO | Information 1 | Information 2 | Information 3

#
##### 1 ##### 2 ##### 3 ##### 4 5 6 7
#
DEFAULTS_BASIC_01 | Cover page | NONE | NORMAL | 1 | 1 | X
DEFAULTS_BASIC_02 | Blank geometry and mesh | X | X | 1 | X | X
DEFAULTS_BASIC_03 | Material parameters | X | X | 1 | X | X
#
DEFAULTS_PROC_01 | Forming progression | X | X | 1 | 4 | X
#
DEFAULTS_GRAV_01 | Blankholder geometry | NONE | NORMAL | 1 | 1 | 1
DEFAULTS_GRAV_02 | Self-weight | DISPLACEMENT_NORM | SMOOTHED | 1 | 1 | 1
DEFAULTS_GRAV_03 | free | NONE | NORMAL | 0 | 1 | 1
#
DEFAULTS_FORM_01 | Kinematics and forces | NONE | NORMAL | 1 | X | X
DEFAULTS_FORM_02 | Forming progression | NONE | NORMAL | 1 | 4 | X
DEFAULTS_FORM_03 | Forming progression with thinning | THINNING /VALUE_TYPE="ENGINEER" | NORMAL | 1 | 4 | X
DEFAULTS_FORM_04 | Thinning | THINNING /VALUE_TYPE="ENGINEER" | NORMAL | 1 | 1 | 1
DEFAULTS_FORM_05 | Drawbeads and draw-in | NONE | NORMAL | 1 | X | X
DEFAULTS_FORM_06 | FLD by zones | FLD_STRAIN_ZONES /FLC="FLCNAME" /FIBER="MEMBRANE"
DEFAULTS_FORM_07 | FLD by quality | FLD_STRAIN_QUALITY /FLC="FLCNAME" /FIBER="MEMBRANE" /UNSTRETCH
DEFAULTS_FORM_08 | Contact pressure | CONTACT_PRESSURE_NORMAL_MAGNITUDE_MAX | SMOOTHED | 0 | 1 | 1
DEFAULTS_FORM_09 | Plastic strain | STRAIN_PLASTIC | NORMAL | 0 | 1 | 1
DEFAULTS_FORM_10 | Minor stress | STRESS_MINOR /FIBER="MEMBRANE" | NORMAL | 0 | 1 | 1
DEFAULTS_FORM_11 | Sections | NONE | NORMAL | 0 | 1 | 1
DEFAULTS_FORM_12 | Diagram stamping force | X | X | 1 | X | X
DEFAULTS_FORM_13 | free | NONE | NORMAL | 0 | 1 | 1
DEFAULTS_FORM_14 | Forming progression with distance | OBJECT_DISTANCE <replace> /COMPUTE_ON_LEFT="YES" /COMPUTE_ON_RI
#
DEFAULTS_TRIM_01 | Blank geometry | NONE | NORMAL | 1 | 1 | 1
DEFAULTS_TRIM_02 | free | NONE | NORMAL | 0 | 1 | 1
#
DEFAULTS_SPBK_01 | Springback | X | SMOOTHED | 1 | 1 | 1
#####
```

How to customize the ReportingTool

- Changing the ReportingTool config
 - CONTOUR_PROCESS (Contour for “All stages analysis”)
 1. Keyword
 2. Solid or shell blank
 3. PAM-STAMP command to execute
 4. Description (in ReportingTool window)
 - Pre-Selection for the “Fast analysis”
 - For Basis analysis (BASIS), all stages analysis (PROCESS), Accept view manually (MANUALLY)
 - YES or NO
 - For **Forming**, **Trimming**, **Springback**, **Gravity**
 - ALL: all stages of this type
 - 1, 2, 3, ...: first, second, third stage of this type
 - -1, -2, ...: last, second-last, ... stage of this type
 - Line can be repeated

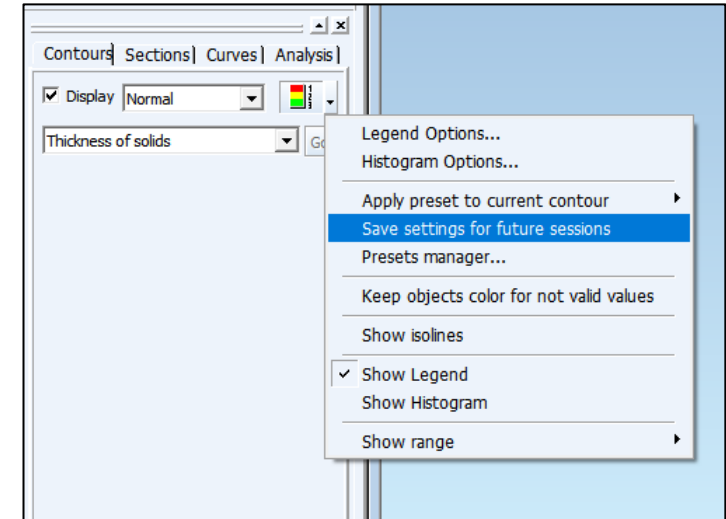
```

CONTOUR_PROCESS | SHELL | CONTACT_PRESSURE_NORMAL_MAGNITUDE_CURRENT | Contact pressure
CONTOUR_PROCESS | SHELL | CONTACT_PRESSURE_NORMAL_MAGNITUDE_MAX | Contact pressure, max. over time
CONTOUR_PROCESS | SHELL | MODAL_TEMPERATURE | Temperature
CONTOUR_PROCESS | SHELL | VELOCITY_NORM | Velocity
CONTOUR_PROCESS | SHELL | OBJECT_DISTANCE <replace> /COMPUTE_ON_LEFT="YES" /COMPUTE_ON_RIGHT="NO" /PHYSICAL="YES" /SIG
#
CONTOUR_PROCESS | SOLID | SOLID_THICKNESS | Thickness
CONTOUR_PROCESS | SOLID | STRAIN_PLASTIC | Plastic strain
CONTOUR_PROCESS | SOLID | MAJORSTRESS | Major stress
CONTOUR_PROCESS | SOLID | MINORSTRESS | Minor stress
CONTOUR_PROCESS | SOLID | CONTACT_PRESSURE_NORMAL_MAGNITUDE_CURRENT | Contact pressure
CONTOUR_PROCESS | SOLID | CONTACT_PRESSURE_NORMAL_MAGNITUDE_MAX | Contact pressure, max. over time
CONTOUR_PROCESS | SOLID | VELOCITY_NORM | Velocity
CONTOUR_PROCESS | SOLID | OBJECT_DISTANCE <replace> /COMPUTE_ON_LEFT="YES" /COMPUTE_ON_RIGHT="NO" /PHYSICAL="YES" /SIG
#
#####
#
ANIMATION_FORMING | NO
ANIMATION_BHPRESSURE | NO
ANIMATION_PROCESS | NO
ANIMATION_DISTANCE | NO
#
#####
#
AUTOVIEW_FORMING | YES
AUTOVIEW_BHPRESSURE | YES
AUTOVIEW_PROCESS | NO
AUTOVIEW_DISTANCE | YES
#
#####
#
AUTOZOOM_PROCESS | YES
#
#####
#
COLORINDEX_RED | 0
COLORINDEX_GREEN | 255
COLORINDEX_BLUE | 0
#
#####
#
PROGRESSION_TEXTBOX | YES | 15 | 8
BLANK_SHOW_MESH | YES
BLANK_SHOW_COS | YES
#
#####
#
#PRESELECT_TEMPLATE | BASIS | YES
#PRESELECT_TEMPLATE | PROCESS | NO
#PRESELECT_TEMPLATE | MANUALLY | NO
#PRESELECT_TEMPLATE | FORM | 1
#PRESELECT_TEMPLATE | FORM | 2
#PRESELECT_TEMPLATE | TRIM | 0
#PRESELECT_TEMPLATE | SPBK | -1
#PRESELECT_TEMPLATE | GRAV | 0
#

```

How to customize the ReportingTool

- Changing the PAM-STAMP config
 - Changes could be done in PAM-STAMP
 - “Save settings for future sessions”
 - Settings can usually be found in
C:\Users\<USERNAME>\Stamp2G_2025.0.cfg
 - Can be copied into config file in the ReportingTool folder
- Keyword <thickness0.8> can be used
 - Fixed min. or max. value will automatically change to 80% of the blank thickness
 - Any other factor can be used (e.g. 1.2 → 120%)
 - Works only for one blank (constant thickness)



CONTOUR_OPTIONS	THICKNESS
PRESET_NAME	DEFAULT
AUTOMATIC_MIN	NO
RANGE_MIN	<thickness0.8>
AUTOMATIC_MAX	NO
RANGE_MAX	<thickness1.2>
HUE_MIN	359
HUE_MAX	100
UPPER_LIMIT_RGB_COLOR	128 0 0
LOWER_LIMIT_RGB_COLOR	0 0 128
LEGEND_FORMAT	DECIMAL
LEGEND_VALUE_COUNT	11
LEGEND_DIGIT_COUNT	3

How to customize the ReportingTool

- Changing the PowerPoint template
 - Here: Template_Cover_page.ppt
 - Yellow Fields are used to add information (e.g. material,¹ blank thickness²...)
 - Can be deleted or moved around
 - Cannot be copied to another ppt-template
 - Other forms (textboxes, pictures, ...) can be changed or added

- Overview -

Data status: Index part geometry: _____ Index die geometry: _____		Material and blank thickness: Material: ¹ Thickness: ²			
Simulation info: File name: Directory: Program: Version (GUI):		Blank: ☐ Rectangle ☐ Four Points ☐ Disk/Pie ☐ Outline			
View: 		Geometry description: ☐ Upper side ☐ Lower side			
		Operating principle: ☐ Single action ☐ Double action			
		Comments: 			
		Validation: ☐ Red ☐ Yellow ☐ Green			
		Cracks	<u>Wrinkles</u>		
Not okay					
Okay					



What is new in Version 3.1.8?

What is new in Version 3.1.8?

- Updated for PAM-STAMP 2025.0
 - Version number is recognized automatically
 - Paths for PAM-STAMP executables are actualized



Changelog for older versions

What is new in Version 3.1.7?

- Updated for PAM-STAMP 2024.0
 - Version number is recognized automatically
 - Paths for PAM-STAMP executables are actualized

What is new in Version 3.1.6?

- Updated for PAM-STAMP 2023.0
 - Version number is recognized automatically
 - Paths for PAM-STAMP executables are actualized

What is new in Version 3.1.5?

- Updated for PAM-STAMP 2022.0
 - Version number is recognized automatically
 - Paths for PAM-STAMP executables are actualized
 - Color scheme for FLD has been corrected

What is new in Version 3.1.4?

- Updated for PAM-STAMP 2021.0
 - Version number is recognized automatically
 - Paths for PAM-STAMP executables are actualized

Find out more on myesi.esi-group.com

esi-group.com



ESI trademarks, which include logos, are intellectual property and are considered assets of the corporation. Their protectability is dependent upon consistent and proper usage. Everyone, whether ESI employees, consultants, outside vendors or third parties who are involved in developing the ESI communication, is responsible for using ESI Group's and others' trademarks correctly. This includes internal and external documents, both in traditional and electronic forms.

esi-group.com

© ESI Group 2024