

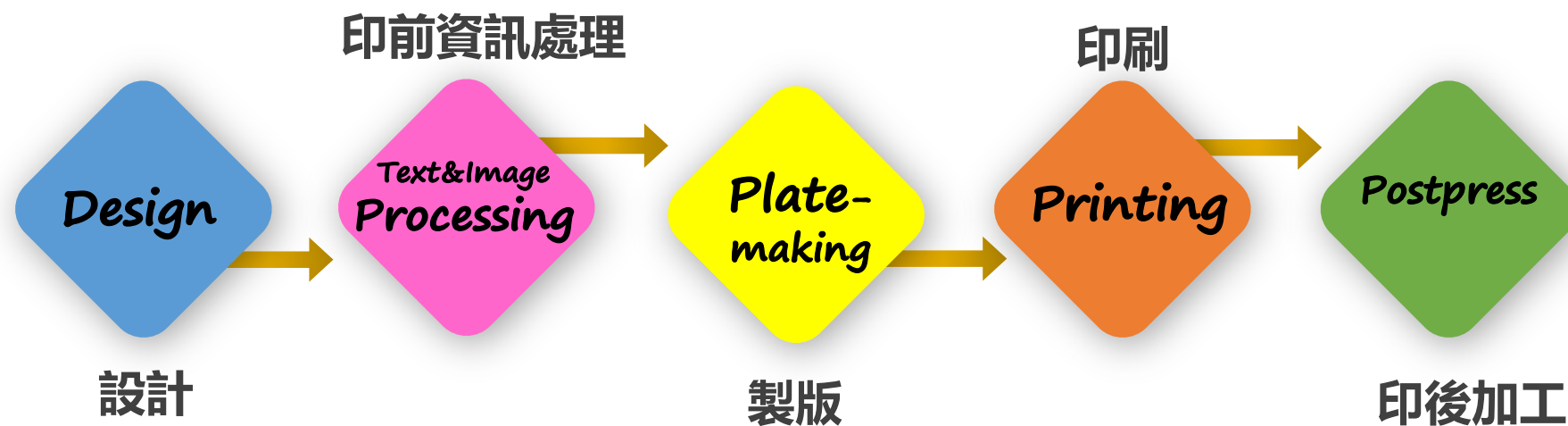
The Development of ISO Standards about Postpress 印後加工國際標準狀況

ISO/TC 130 WG 12 Convenor

何曉輝 He Xiaohui (Elaine)

印刷生產流程

PRINT PRODUCTION WORKFLOW



印後加工

POSTPRESS

■ Postpress 印後加工

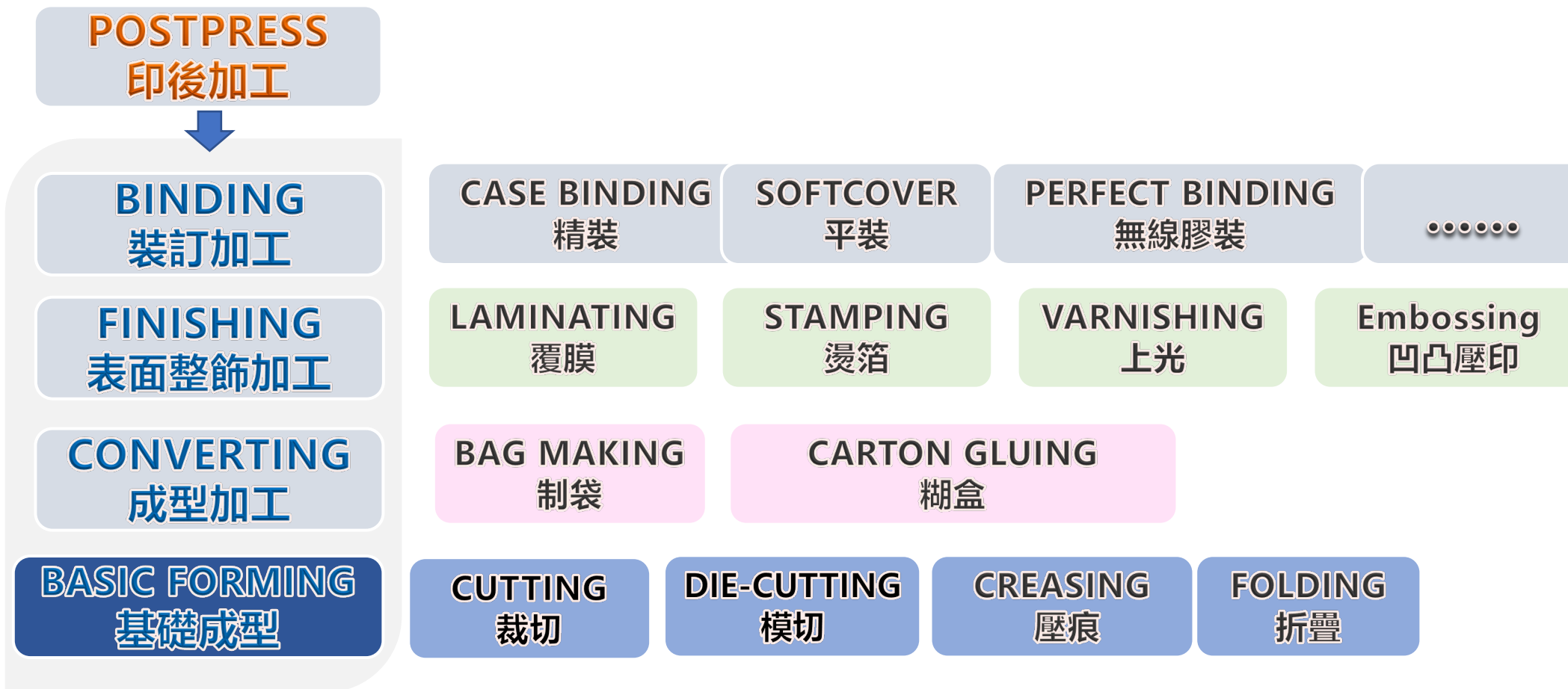
- third stage of graphic technology workflow including **finishing, converting, and distributing** systems that create **finished consumer products**
- 印刷技術工作流程的第三階段，包含用於製作最終消費產品的表面整飾、成型加工及分發系統。
- ISO 12637-1:2006(en), 57
- The final stage of printing, transforming semi-finished printed sheets into usable, market-ready products
- 印刷生產的最後環節，將印刷半成品轉化為可使用、可上市的成品。

Post-press = "Final Value Enhancer" of printed products.

印後加工是印刷品的“最終價值放大器”

印後加工

POSTPRESS



ISO/TC130 WG 12-POSTPRESS

國際標準組織印刷技術委員會第12工作組-印後加工

- **The Establishment of the Post-Press Working Group-ISO/TC130 WG 12**
- 國際標準組織印刷技術委員會第12工作組-印後加工工作組的成立
 - ➡ Establish a Task Force in the field of Post- press at the ISO/TC30 spring group meeting held in Switzerland in May 2010
 - 在 2010 年 5 月於瑞士召開的 ISO/TC30 春季工作組會議上，成立印後加工領域專項工作組（TF）
 - ➡ Establish Working Group 12-Postpress at the plenary meeting held in October 2010 in Sao Paulo
 - 在 2010 年 10 月於聖保羅召開的全體會議上，成立第 12 工作組 —— 印後加工組
 - ➡ Convenor: Mrs. He Xiaohui; Secretary: Mrs. Cui Yuanchao(Li Meifang); Secretariat: China
 - 召集人：何曉輝，秘書：崔遠超（李美芳），秘書處：中國

ISO/TC130 WG 12-POSTPRESS

國際標準組織印刷技術委員會第12工作組-印後加工

■ Scope: 範圍

- ISO/TC130 Working Group 12 is engaged in developing, reviewing standards and other documents concerning process, process control, quality control, testing, measurement and related topics in the field of postpress.
- ISO/TC130 第 12 工作組致力於制定和審核印後加工領域中與工藝、程序控制、品質控制、測試、測量及有關的標準和其他檔

□ Current membership: 現有成員

- 75 members and 10 Document monitors from 16 countries.
- 來自於16個國家的75名成員及10名觀察員

ISO/TC130 WG 12-POSTPRESS

國際標準組織印刷技術委員會第12工作組-印後加工

■ Published ISO standards

□ ISO 16762:2016

- **Graphic technology — Post-press — General requirements for transfer, handling and storage**
 - 印刷技術 印後加工 運輸、處理和儲存的通用要求
- reviewed and confirmed in 2022. /於2022 年審核確認

□ ISO 16763:2016

- **Graphic technology — Post-press — Requirements for bound products**
 - 印刷技術 印後加工 裝訂產品要求
- reviewed and confirmed in 2022. /於2022 年審核確認

□ ISO 19594:2017

- **Graphic technology — Test method for the determination of the binding strength for perfect-bound products — Page-pull test working upwards**
 - 印刷技術 膠裝產品裝訂強度判定測試方法 向上拉頁測試方法
- reviewed and confirmed in 2022. /於2022 年審核確認

ISO/TC130 WG 12-POSTPRESS

國際標準組織印刷技術委員會第12工作組-印後加工

■ ISO standards under development 在研标准项目

□ ISO/WD 19315

- Graphic technology --Flatbed die cutting, creasing and scoring on paper and paper board
- 印刷技術 紙和紙板平壓平模切及壓痕

□ ISO/PWI 25663

- Graphic technology — Post-press — Requirements for children's paperboard book
- 印刷技術 印後加工 兒童紙板書要求

POSTPRESS STANDARDS

印後加工國際標準

■ ISO 16762:2016 Graphic technology — Post-press — General requirements for transfer, handling and storage

- 印刷技術 印後加工 運輸、處理和儲存的通用要求
- This document specifies the requirements for the handling, storage and transfer of printed products between printing and post-press. It also identifies information that may be necessary for successful completion of post-press operations (job ticket). In addition, the handling of materials used within the post-press operation is specified.
- 本檔規定了印刷品在印刷與印後加工之間的處理、儲存及運輸要求，以及保證順利完成印後加工所必需的資訊（作業單），並針對印後加工過程中所用物料的運輸作業制定了具體規範。

POSTPRESS STANDARDS

印後加工國際標準

■ ISO 16763:2016 Graphic technology — Post-press — Requirements for bound products

- 印刷技術 印後加工 裝訂產品要求
- Specifies quality requirements and tolerances of bound products and intermediate components. It is applicable to products requiring industrial binding, for example, books, magazines, catalogues and brochures.
- 本檔規定了裝訂產品及其加工過程中的品質要求和標準。該標準適用於需要工業裝訂的產品，例如書籍、雜誌、目錄和小冊子。

POSTPRESS STANDARDS

印後加工國際標準

- **ISO/WD 19315 Graphic technology— Flatbed die cutting, creasing and scoring on paper and paper board**
 - 印刷技術 紙和紙板平壓平模切及壓痕
 - specifies requirements for materials used for die cutting, and requirements for cutting die used including creasing and scoring production of folding boxes. and related products.
 - 規定了模切（包括折疊紙盒及精裝書殼壓痕）工藝所用材料以及模切版模具的要求。
 - gives specifications for process control for flatbed die cutting including creasing and scoring.
 - 給出了平壓平模切的工藝控制規範，包括壓痕和刻痕。
 - gives specifications and measurement methods for the finished die cutting product.
 - 給出了模切成品的規格和測量方法。
 - does not apply for rotary die cutting and laser cutting. It is not applicable to label converting, non paper-based print products and corrugated boards.
 - 不適用於圓壓圓模切和鐳射模切。也不適用於標籤加工、非紙基印刷產品或瓦楞紙板。

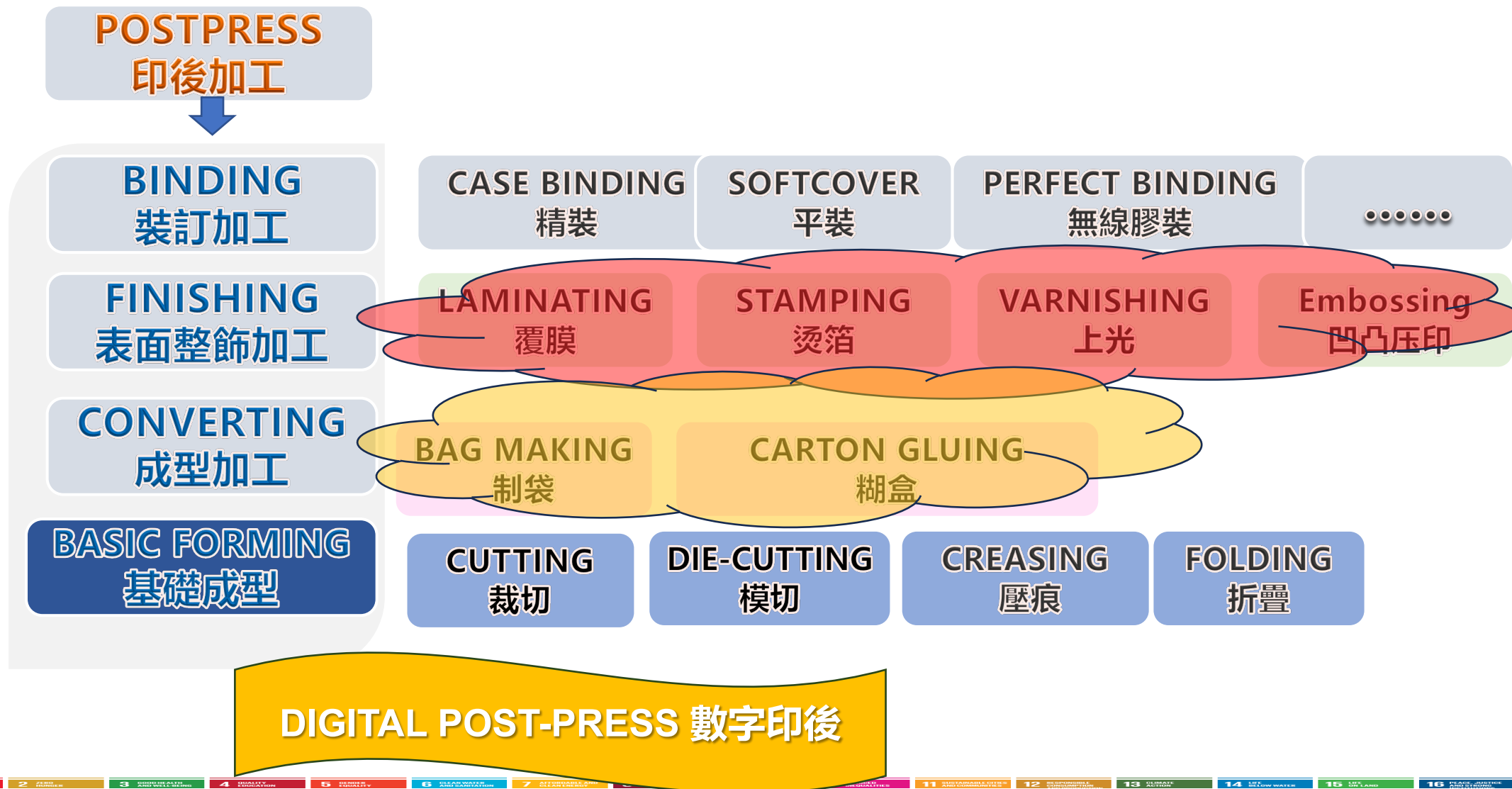
POSTPRESS STANDARDS

印後加工國際標準

■ ISO/PWI 25663 Graphic technology — Post-press — Requirements for children's paperboard book

- 印刷技術 印後加工 兒童紙板書要求
- The document specifies requirements on the product quality, production tolerances, and safety concerns for children's paperboard books.
- 該檔規定了兒童紙板書在產品品質、生產標準及安全要求方面的內容。
- It applies to children's books that require paper-to-paper laminated binding methods, such as complicated 3D pop-up books.
- 適用於採用紙對紙複合裝訂工藝的兒童書籍，例如結構複雜的 3D 立體彈出式書籍。

IN THE FUTURE 未來工作



IN THE FUTURE 未來工作

QUALITY CONTROL
品質控制

**DIGITAL
TRANSFORMATION**
數位化轉型

TEST METHOD
檢測方法

SUSTAINABILITY
可持續性

Welcome to participate

歡迎您的參與

Thank You for Your Attention!

謝謝

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