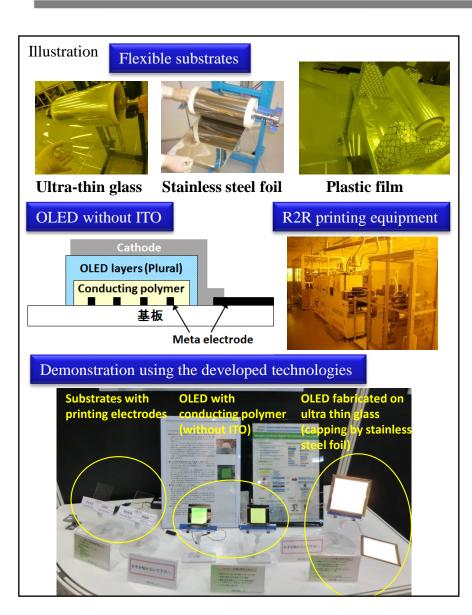
Flexible Substrates for Organic Electronics

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Content:

Flexible substrate technology is one of the most important key technologies for flexible devices such as flexible OLED (Organic Light Emitting Diode) display, flexible OLED lighting, OPV (Organic Photovoltaic), etc., which allow us new life style in near future.

For developing flexible substrates we started "Yamagata University Organic Thin Film Device Consortium" [*], which studies on "Flexible Substrates with Alternative Electrode of ITO (Indium Thin Oxide) for Organic Electronics" by university-industry collaboration.

- * Flexible substrates for organic electronics (ultra-thin glass, stainless steel foil, plastic film)
- * Alternative electrodes of ITO
- * Roll to roll (R2R) technologies

The developed technologies will contribute next generation organic electronics products with unique features such as thin, light-weight, unbreakable, design-free, etc.

[*] "R&D subsidiary program for promotion of academia-industry cooperation" of Ministry of Economy, Trade and Industry of Japan.

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