TOMRA SORTING SOLUTIONS | RECYCLING

CONSTRUCTION & DEMOLITION WASTE

ADVANCED SENSOR-BASED SORTING TECHNOLOGY FOR OPTIMIZED RESULTS

WORTH THE EFFORT

The growing demand for high-value secondary materials renders high quality recycling increasingly attractive. Construction and Demolition (C&D) waste represents the largest source of waste in Europe and comprises of a complex mix of materials, including Inert Material, Wood, Paper, Plastics and Metals. Reprocessing these secondary fractions is more energy efficient than using virgin material and improves the CO_2 balance. In addition, alternatives to landfill are urgently needed because the costs are constantly increasing. With modern sorting technology, the recycling rate can be increased significantly. Then recycling becomes the rule and landfilling the exception.

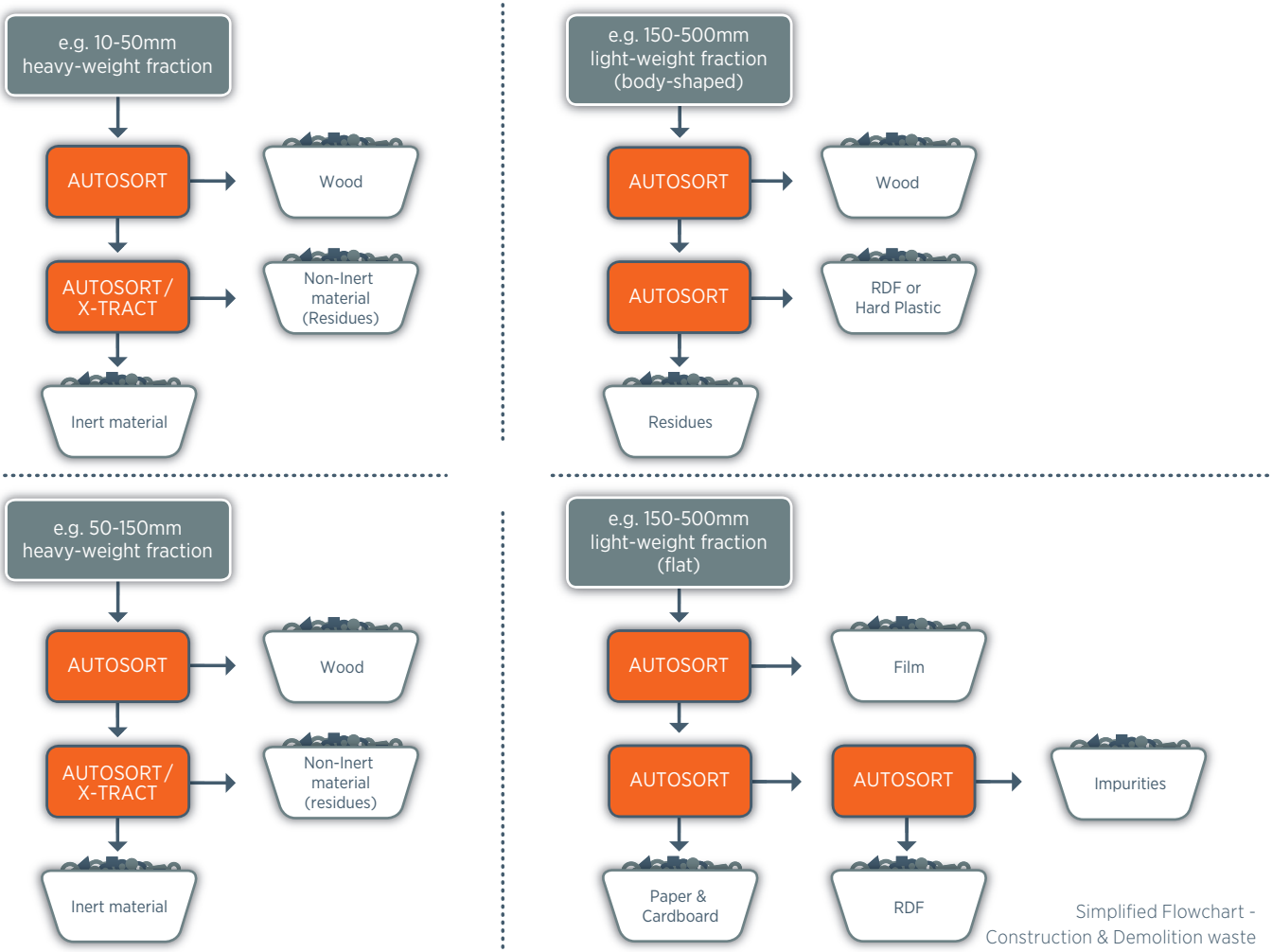
With TOMRA's pioneering efficient sorting technology, separating valuable materials from Construction and Demolition waste makes it worthwhile in every aspect.

A CASE: EU LEGISLATION REQUIRES INCREASED RECYCLING

As the EU moves towards a circular economy, legislation stipulates a recycling rate of 70% for C&D waste by 2020*. Additionally, landfilling of biologically degradable substances must be significantly reduced by 2020 but these also requires pre-treatment**. These requirements can only be met by high-quality processing of C&D waste.

* EU Directive 2008/98/EC
** EU Directive 1999/31/EC

THE SOLUTION: SEAMLESS AND FLEXIBLE



Simplified Flowchart - Construction & Demolition waste

THE RESULT: CONSTANTLY VALUABLE YIELD

THE TOMRA ADVANTAGE

TOMRA PRODUCTS PROVIDE THE **HIGHEST – AND MOST CONSISTENT - PRODUCT YIELD IN THE INDUSTRY**

ESTABLISHED, EXTENSIVE AND SPECIFIC APPLI-CATION KNOWLEDGE LEADING TO **TAILORED SOLUTIONS TO MEET INDIVIDUAL CUSTOMER REQUIREMENTS – AND OPTIMIZED RESULTS**

SHORT PAYBACK PERIOD OF THE TOMRA MACHINES RESULTING FROM RELIABLY HIGH-QUALITY OUTPUT

SUBSTANTIALLY LESS DOWNTIME, GREATER OUTPUT STABILITY AND LOW ENERGY CONSUMPTION THROUGH ROBUST MACHINERY AND PIONEERING TECHNOLOGY

FIELD-PROVEN PROCESS AND MACHINE DESIGN DEVELOPED WITH INDUSTRY PARTNERS

MODULAR DESIGN AND **SIMPLE INTEGRATION**

SUPERIOR ALL-AROUND SERVICE SUPPORT WITH TOMRA CARE

AS A TECHNOLOGY LEADER, TOMRA SORTING RECYCLING CONTINUES TO BE PIONEER IN SENSOR-BASED SORTING IN THE WASTE AND METAL RECYCLING INDUSTRIES. WITH OVER 4,800 UNITS INSTALLED IN MORE THAN 50 COUNTRIES, OUR EXPERTISE AND SUPERIOR SERVICE ALLOW US TO DELIVER HIGH-PERFORMANCE SORTING AND ANALYTICAL SOLUTIONS TO OUR CUSTOMERS IN A BROAD RANGE OF APPLICATIONS.

Find out why:
www.tomra.com/recycling

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*) ISO 9001 certified

We print on 100 % recycled paper.
TOMRA Sorting's innovations are helping to produce it.

Recycling Hub
TOMRA Sorting GmbH*)
Otto-Hahn-Strasse 6
56218 Mülheim-Kärlich
Germany
Phone: +49 2630 9652 0
Fax: +49 2630 9652 101
recycling-sorting@tomra.com

UK & Ireland
TOMRA Sorting LTD
53-55 Queens Road
Loughborough
LE11 1HA
United Kingdom
Phone: + 44 1509 23 22 39
Fax: +44 203 481 1323
info-uk@tomrasorting.com

United Arab Emirates
TOMRA Sorting JLT
Unit No. 3702-21, floor No. 37,
Mayfair Executive Offices JLT,
Jumeirah Business Center 2,
Jumeirah Lake Towers
Dubai
United Arab Emirates

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