

RECP Best Practices Catalogue

Water conservation by reducing bath ratios
Developed within the framework of MED TEST II



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION



The SwitchMed Programme is
funded by the European Union

Best Practice - Water conservation by reducing bath ratios

SECTOR:	Textile & Readymade Garments
Branch:	Finishing of textiles
CATEGORY	Process control or modification
APPLICABILITY	Process

COMPANY SIZE	63
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Description of the Problem (Base Scenario):

Some processes are performed with relatively high bath ratios compared to typical dyeing standards (a bath ratio of 1/10)
It is recommended that these ratios are reduced to meet these standards and save water, chemicals and energy.

Description of the Solution

This measure consists of reducing the bath ratio from 1/10 to 1/8 as well as the number of rinses, depending on the situation, all without affecting the quality of the product.



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Economic Gains

Economic gain: € 1,413/year

Environmental Gains

Water gain: 5,600 m³/year

Health and Safety Impact

Improved productivity and time gain



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**Capital Investments
& Financial Indicators**

€ 0

Immediate

Supplier Information

No supplier

Other aspects

Productivity enhancement

Implementation

Measure being implemented



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