



...weil gute Arbeit wirkt.

GOODWORKS FOR HEALTH

-)2ND LIFE MEDIZIN

-)AAL...ACTIVE ASSISTED LIVING

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Overview



Project approach:

- **2nd-Life Medical Engineering (formerly: “SUPROMED“, 2007)**
(Preparation and reconditioning of disposable medical devices for clinics focusing on sustainability)
- **Active (/“Ambient“) Assisted Living...AAL**
(housing facilities which provide supervision and/or assistance with activities of daily living)



Quelle: **AIT**...Austrian Institute of Technology

Background – 2nd Life for Medical devices



- AT:
 - € 730 Millions/year
 - 100 Millions kg waste/year (just throughout clinics)
- → Reusables instead of disposables: **saving potential** about **60 to 100 Mio. €**
- Many of Disposable medical products might be **reconditioned** without quality loss **2 to 12 times**
- Status: banned in Austria (treated in e.g. Germany, USA)
- Declaration: disposable/reusable decided just by manufacturer (Disposable = higher margins no responsibilities for treatment processes)

Next steps/Perspective



- Obtaining Reports from countries were already practiced
- Classification of MPs / Survey of suitable MPs (departments)
- Clarification of legal basis
- Requirements for care of health/hygiene:
 - Responsibility requirements, risk assessments, informations provided by manufacturer
 - Validation of reconditioning systems
 - Quality assurance
- Investigation of possible partners for reconditioning of MPs