

# Further Use and Reuse Of Products And Its Improvement

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# State of Vorarlberg



# Introduction

- Normally, private households prefer a further use of well-functioning products. Therefore, consumers would like to pass on well-functioning products they themselves do not need anymore to others who could make use of them.
- The present project is intended to cross the border between used products and waste to get an overview of the quantity of products that are still changing owners / users without becoming waste.
- Only because people do not have any information on who exactly could have need for their used products, inhabitants transport it to waste collection stations where it becomes waste.

# Introduction

“Umweltverband Vorarlberg” started a project to investigate the current situation of the private trade of used products with the aim to know its contribution for waste minimisation and to get information to improve

- C to C-trade of used products
- Further Use / ReUse
- Preparation for ReUse.



# The Approach

1. Assessing the current situation of the trade of used products including
  - the private market
  - commercial business
  - social-economic business
2. Investigations
  - on internet platforms for private trade,
  - inquiries with organizers of flea markets
  - commercial and social-economic trade of used products
3. Looking for lacks in the existing market as a basis to extend the market of used products, of ReUse and preparation for ReUse

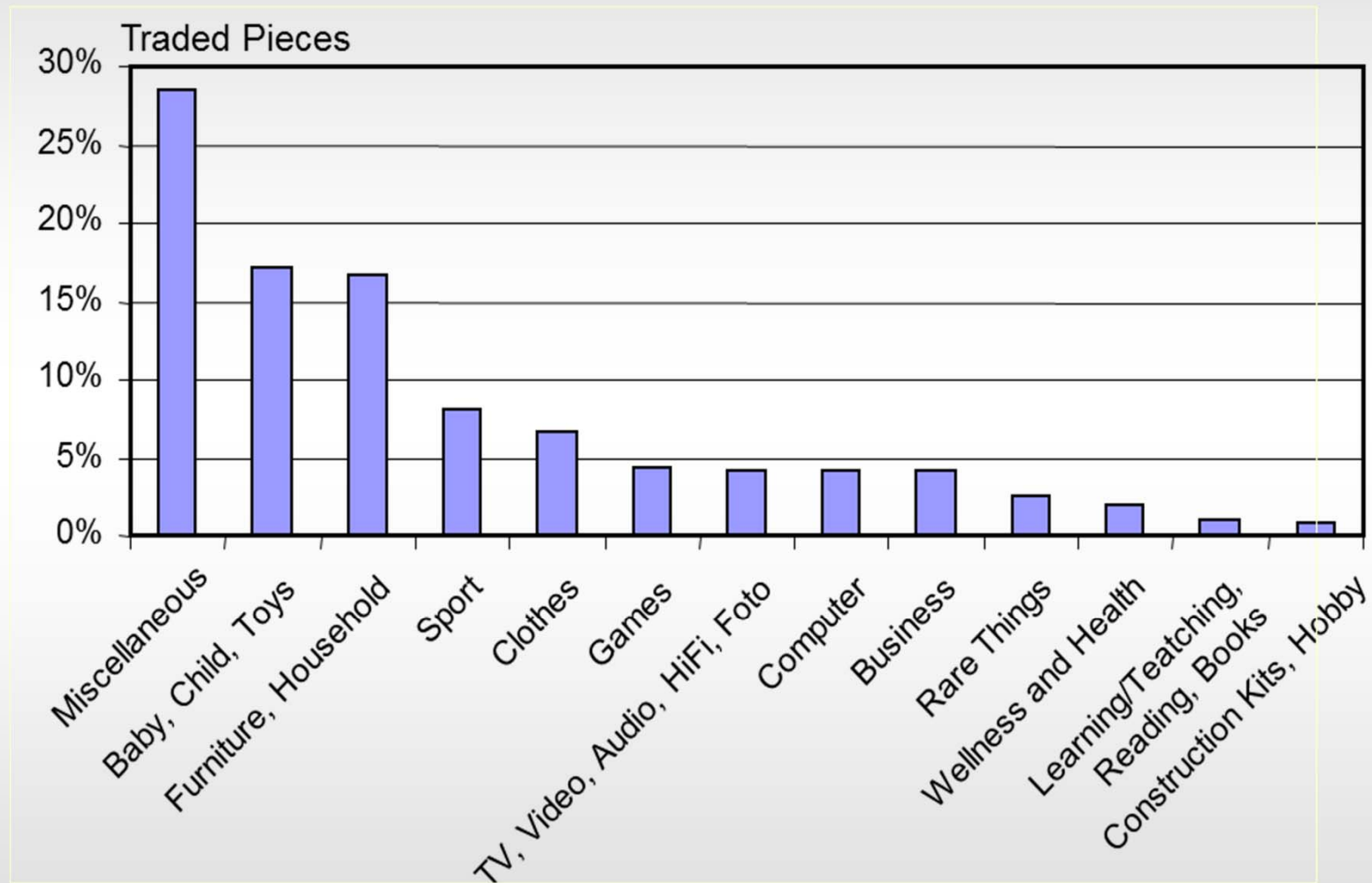
# Internet - Trading platforms

## Methodology

- Exclusion of
  - Services
  - Real Estates
  - Vehicles
  - Commercial offers
  - Offers of new products
- Splitting offers in product-categories
- Counting the offers for each product category
- Considering the average open time of offers
- Calculation of the mass by multiplying the number of sold products with average weights



# Distribution of the Number of traded Products



# A Platform specialized on homemaker and commercial used products like machines

**flohmarkt.at** Gartengeräte & G  
gebrauchte Gartengeräte, Rasenmäher, Gartenbedarf, Gartengeräte

Online-Sammlerbörse · Online-Flohmarkt · Flohmarktkalender · Regionen · Mit

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[Google-Anzeigen](#) [Rasenmäher](#) [Gartengeräte](#) [Flohmarkt](#) [Baumarkt](#)

## lawnmower

[erweitern oder löschen](#) [⚠ Auffälliges Inserat melden](#)

2012-03-19 13:54:02 (zuletzt aktualisiert)

### Rasenmähertraktor Honda HF2213

Verkaufe Rasenmähertraktor in super Zustand (siehe Foto wie neu --) weiter Bilder auf Anfrage bzw. natürlich auch Besichtigung möglich); Leistung: 9,6 PS; Betriebszeit: nur 273 h; Schnittbreite: 1,02 m; Getriebe: Automatik; Baujahr: 1998

Preis: VHB € 2.000

**Standort:** Hohenems  
**Telefon:** +43 5576 79331  
**E-Mail:** Kontaktaufnahme per [Online-Formular](#) am Ende der Seite!  
[Foto/Fotos anzeigen](#)

*Diese Anzeige wurde bisher 3739x aufgerufen (seit 2011-04-18, Datum des Ersteintrags)*

- » Gardena
- » Gartenhäcksler
- » Gartenpumpe
- » Heckenschere
- » Laubsauger
- » Motorsense
- » Rasenmäher
- » Rasentraktor
- » Schneefräse
- » Schneeschild
- » **Gartengestaltung**
- » Blumenkästen
- » Gartenbrunnen
- » Gartenerde
- » Gartenteich
- » Natursteinplatten
- » Pflastersteine
- » Sichtschutz
- » Steintrog
- » Terrassendielen
- » Zaun
- » **Hausbau**
- » Baugerüst
- » Dachdeckung
- » Dämmstoffe
- » Elektroinstallation
- » Fenster
- » Garage
- » Tore
- » Treppen
- » Türen
- » Warmwasserbereitung
- » Welletermit
- » Wintergarten
- » Ziegelsteine
- » **Holz**
- » Altholz
- » Bauholz
- » Brennholz
- » Buchenbrennholz
- » Buchenholz
- » Dachstuhl
- » Hackschnitzel
- » Holzbriketts
- » Holzpellets
- » Holzschindeln
- » Holzschutz
- » Schnittholz
- » **Öfen**
- » Dauerbrandofen
- » Elektroöfen
- » Gaskonvektor
- » Gastherme
- » Hackschnitzelheizung
- » Heizkörper
- » Holzvergaserofen
- » Kachelöfen
- » Kaminöfen
- » Meller Ofen
- » Ölofen

Garten & Freizeit · Gartenmöbel  
Hau...

## Category „Homemaker“

Flo...  
Klick...  
anzu...

2012-05-02 17:05:17  
[SUCHE] BAUERNHOF IM VORARLBERG

HOBBYLANDWIERT SUCHE BAUERNHOF IM VORARLBERG  
C:A 1HEKTAR WEIDEFLACHE MIET ODER ONE STALL UND WOHNMÖGLICHKEIT  
KAUFFEN MIET KAUFFEN PACHTEN ODER MIETTEN MÖGLICH  
MELDEN SIE ALLES BITTE NUR VORARLBERG MFG  
**Standort:** FELDKIRCH  
**Kategorie:** Bauen & Renovieren

2012-05-02 09:02:10  
[BIETE] Ringer - Gerüst gebrauch

## scaffold

Bezeichnung:

- Ringer Gerüststrahlen verzinkt, 70 x 200 cm
- Ringer Geländer Stahl, 50 x 250 cm
- Ringer Gerüstbelag Holz, 60 x 250 cm
- Ringer Fusswehren (Bordbretter) Holz, 250 cm
- 80 er Occasionsspindel
- Verankerung 30 cm
- Ringschraube 160 x 12 (neu)
- Kreuzkupplung (neu)
- ...

[gesamtes Inserat anzeigen]  
**Standort:** Dornbirn  
**Kategorie:** Bauen & Renovieren

2012-04-29 13:38:29  
[BIETE] Hauswasserpumpe - Ob

## pump

Vogel BGMD9 230V kaum gebraucht, Neuwertig.  
Neupreis 473.--  
Zubehör 43.--

gegen Gebot  
**Standort:** Sulz im Wienerwald  
**Kategorie:** Bauen & Renovieren

2012-04-27 11:04:30  
[BIETE] Bundhose /A

## Working clothes

Farbe Marin  
Super Arbeitshose mit Knieeinsätzen und sehr feinem Stoff  
**Standort:** Bludenz  
**Kategorie:** Bauen & Renovieren

Google-Anzeigen  
[Handwerker gesucht?](#)  
Aufträge vergeben und mitbieten, so einfach gehts.  
[www.goldeneshandwerk.at/](#)



# Flea Markets – manifold shapes

Huge market at exhibition site, once a year



Large, monthly,  
up to 200 seller

Small, just for limited products  
like books, CD's, sticker,  
winter sport equipment, ...



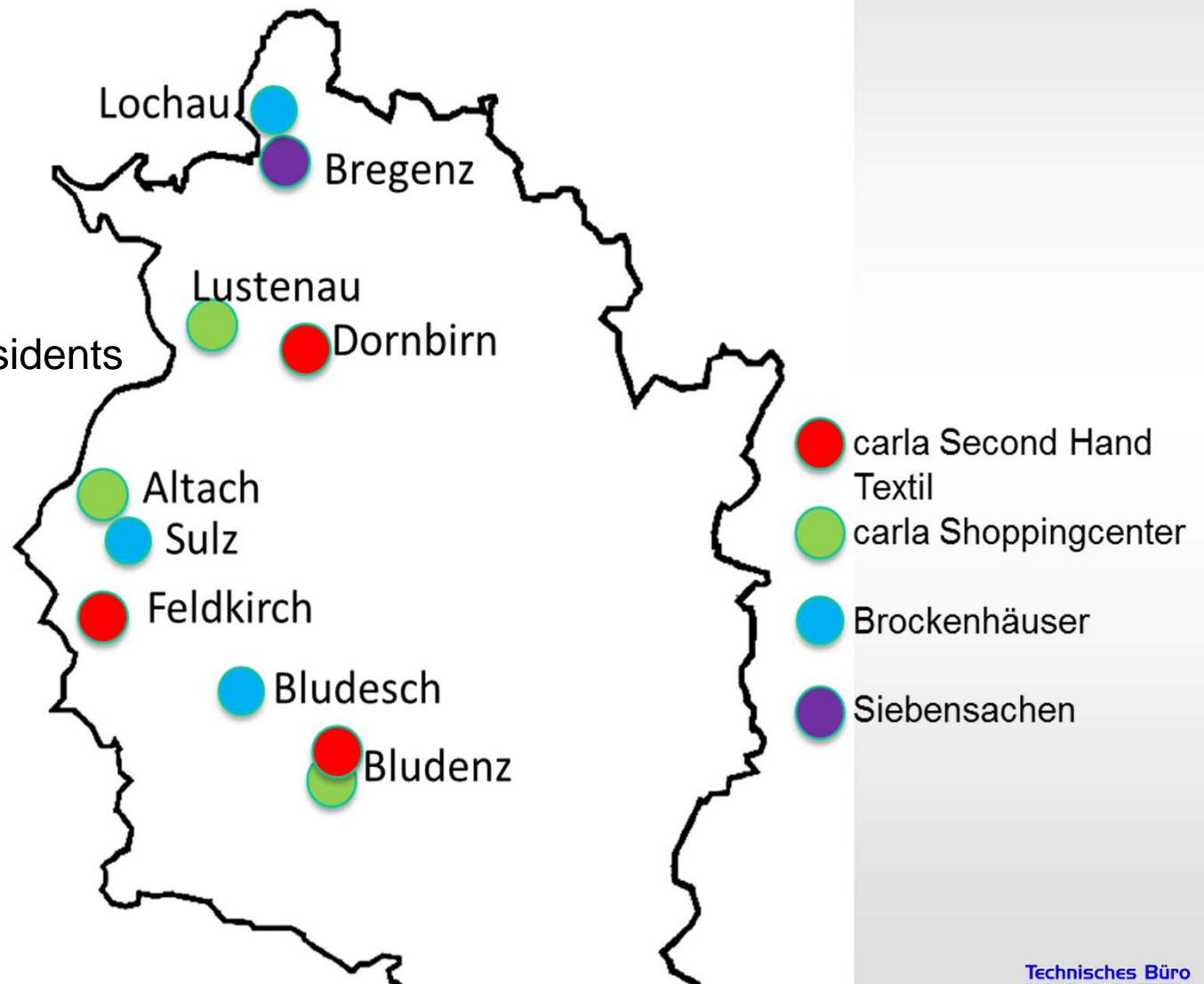
# Quantity of Used Products traded

- **At Internet-Platforms**
  - 2,000 – 2,500 t/a,
  - e.g. 6 kg per resident and year
- **At Flea Markets**
  - More than 300 t/a,
  - e.g. >1 kg per resident and year

# Social Economic Enterprises

Vorarlberg is densely  
equiped with  
Second Hand Shops

One shop per 35,000 residents



# Social Economic Enterprises Shops for Second Hand Products



well designed  
causing better emotions  
than some shops for new  
products



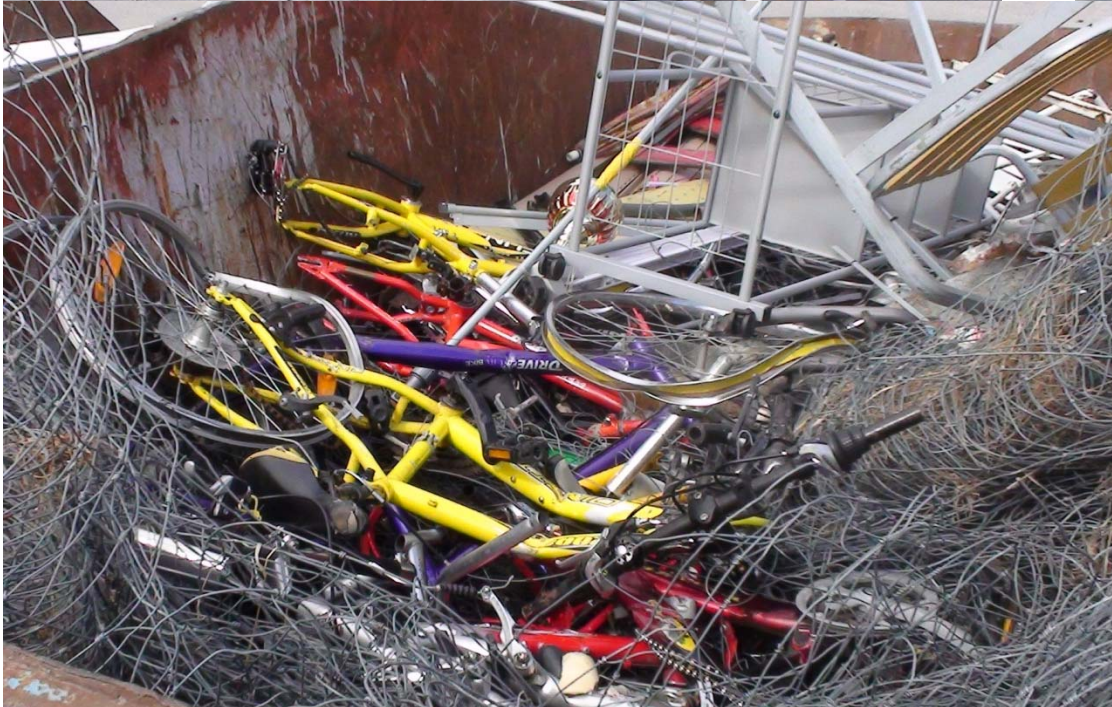


# Trade of Second Hand Products


	Use within Vorarlberg	Use outside Vorarlberg
Internet-Platforms	2,000 – 2,500 t/a	
Social Economic Enterprises		
Textiles	100 t/a	1,200 t/a
Other Products	250 t/a	
Commercial Enterprises	??	
Flea Markets	> 300 t/a	
Total, approximately	4,000 t/a 11 kg/res.a	1,200 t/a 3.5 kg/res.a

# Are Usable Products still wasted?

**Yes !!**



# Further Investigation

- Research project funded by the Austrian Research Promotion Agency (FFG)The logo of the Austrian Research Promotion Agency (FFG) is located to the right of the first bullet point. It consists of a red graphic element made of dots forming a stylized arrow or cluster, followed by the letters 'FFG' in a bold, grey, sans-serif font.
- Small Electro-Electronic Devices
- How to influence people bringing used products in a manner in which it can be used further
- Which share of products are in a shape to be used further with/without repair
- How to handle, store and transport devices foreseen for further use