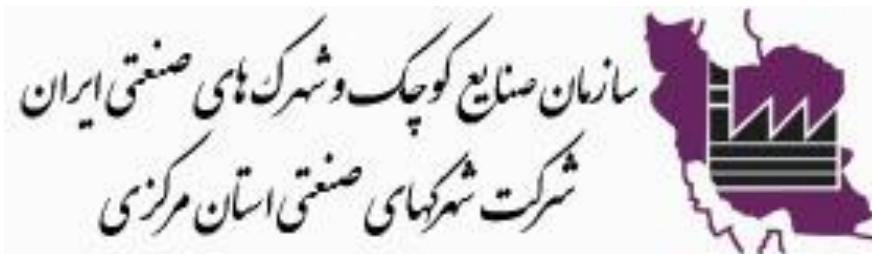


بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



عنوان : آشنایی با انواع پسماندها و مدیریت آنها

دکتر رامین زارع
هیات علمی دانشگاه آزاد اسلامی اراک

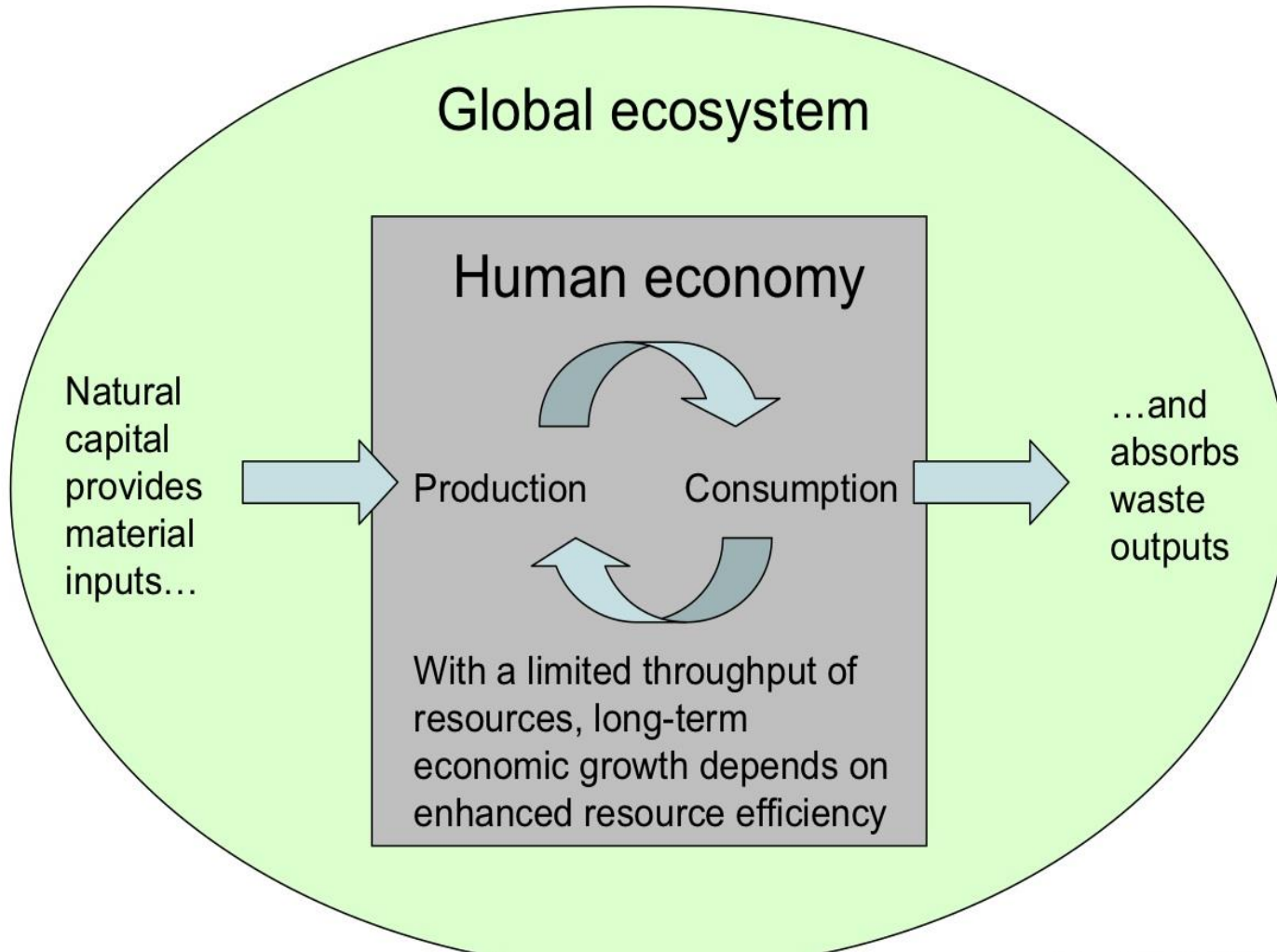
۷ شهریور ۱۴۰۲

پسماند صفر
Zero Waste

Introduction

- ▶ We all agree that emissions must be cut
- ▶ The key challenge on climate:
 - ▶ We need to cut emissions by more than 80% of 1990 levels by 2050

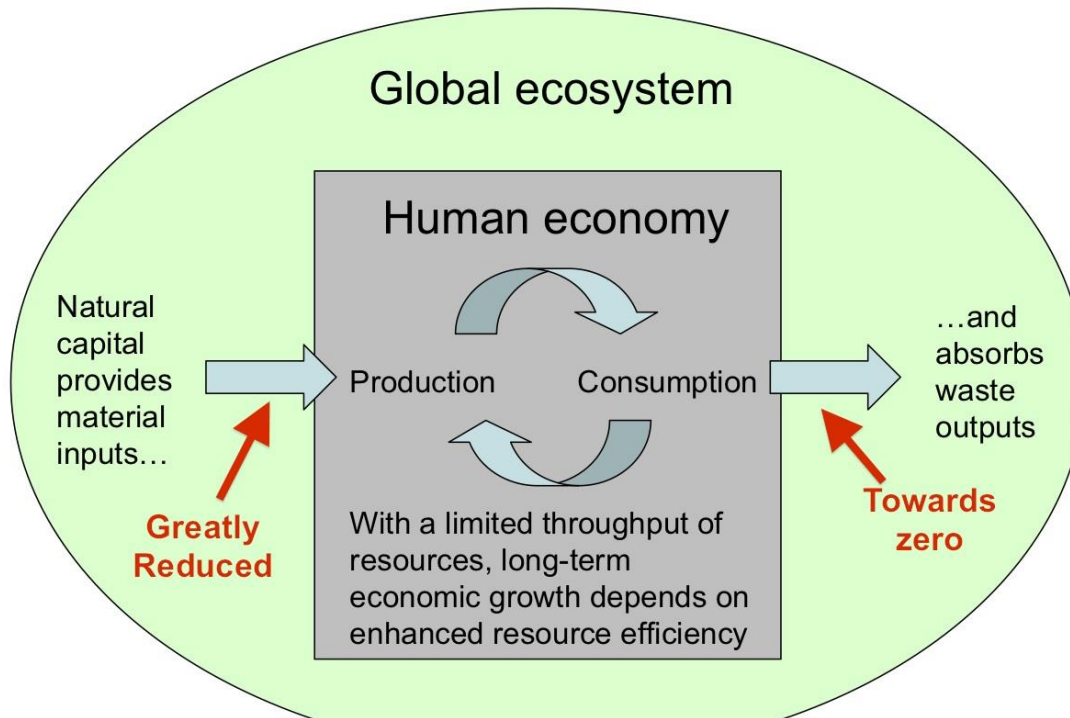
اکوسیستم جهانی



توصیف پسماند صفر

- ▶ 1) Making sure that you keep materials within the economic system
 - ▶ Using less, re-using, recycling, composting
- ▶ 2) Avoiding – phasing out – residual waste
 - ▶ The material that isn't reused, recycled, composted (that isn't kept 'in the loop')
- ▶ 3) Reducing our use of natural resources

پسماند صفر



Moving to zero waste

The top of the hierarchy is the priority:

- 1) Prevention
- 2) Reuse
- 3) Recycling
- 4) Composting/AD

Zero Waste

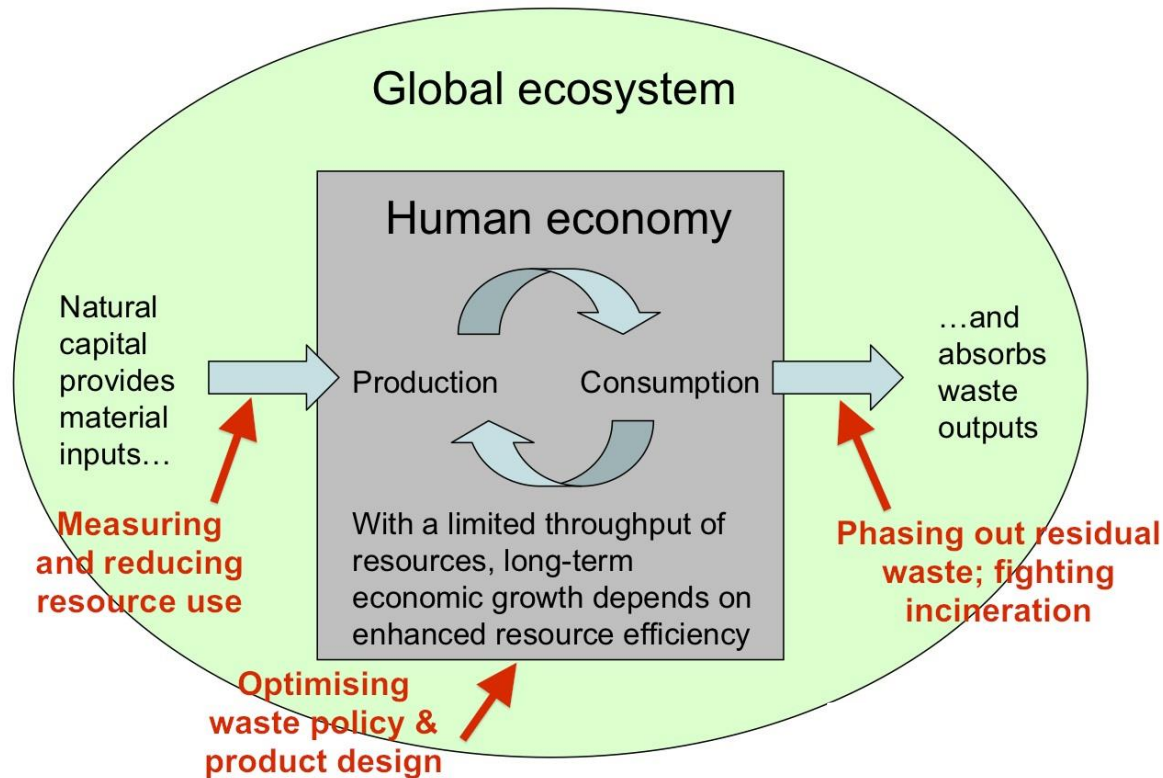
Businesses Have Achieved Over
90% Waste Reduction

9/2/2023

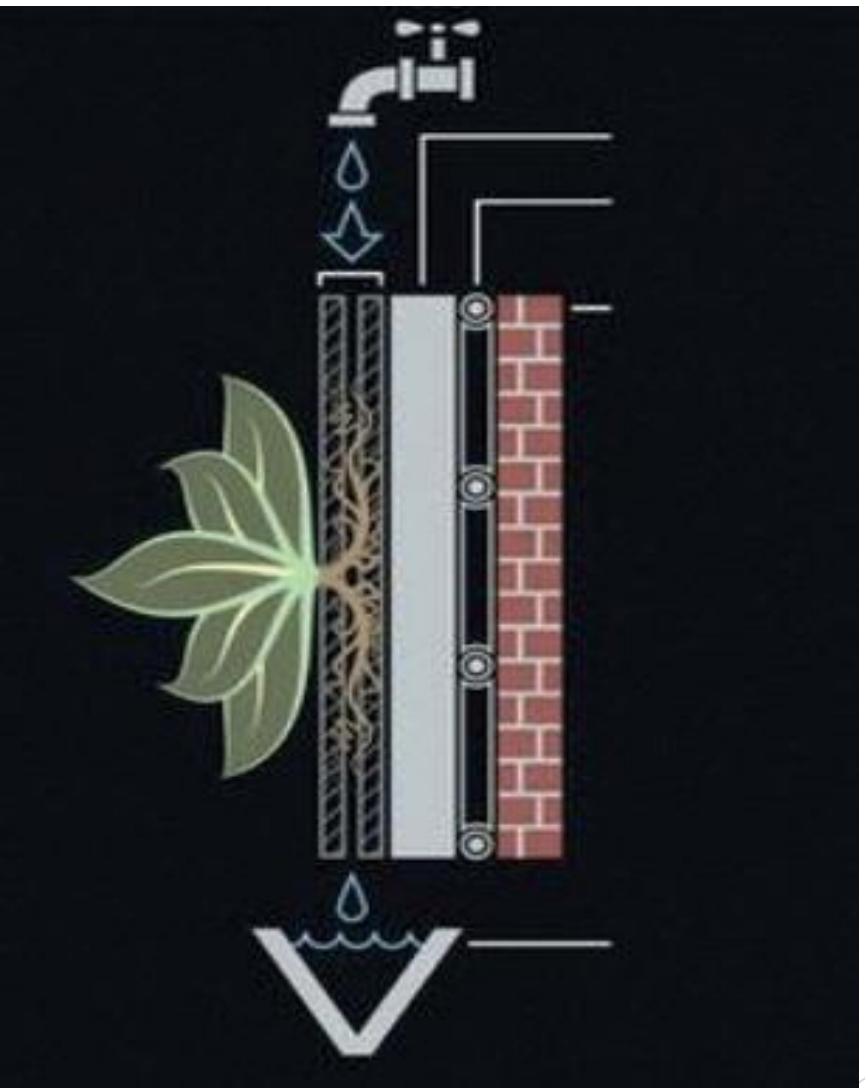
پسماند صفر و اشتغال

- ▶ Reuse, recycling & composting creates jobs
“More jobs, less waste”
- ▶ Jobs created by achieving a 70% municipal waste recycling target
 - ▶ In UK: over 25,000 new jobs for 70%
 - ▶ In EU: over 500,000 new jobs

مدیریت پسماند: پسماند صفر: سنجش و کاهش کاربرد منابع



Wall gardens are a step forward
toward zero waste engineering



Question?

باغچه های دیواری گامی رو به جلو به سوی
مهندسی پسماند صفر است