

From Waste to Resource ~ The Power of Composting ~

1. Why Composting?

Annual Organic Waste in Japan
7.6 Million Tons

Regarding the publication of the estimated amount of food waste, etc. and food loss in Japan (FY2018)



The CO2 Emission for Each Method

Burning	2,053 kg of CO ₂ / 1 ton of food waste
Composting	161 kg of CO ₂ / 1 ton of food waste

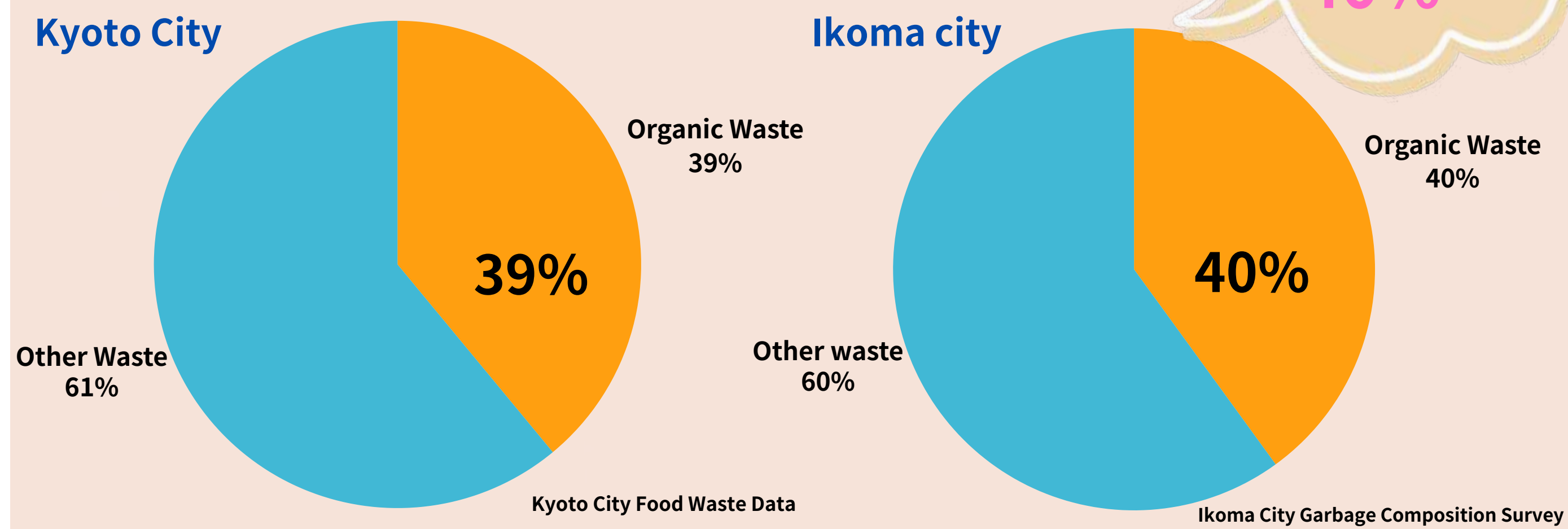
Garbage Recycling Network Japan

The Daily Amount of Organic Waste

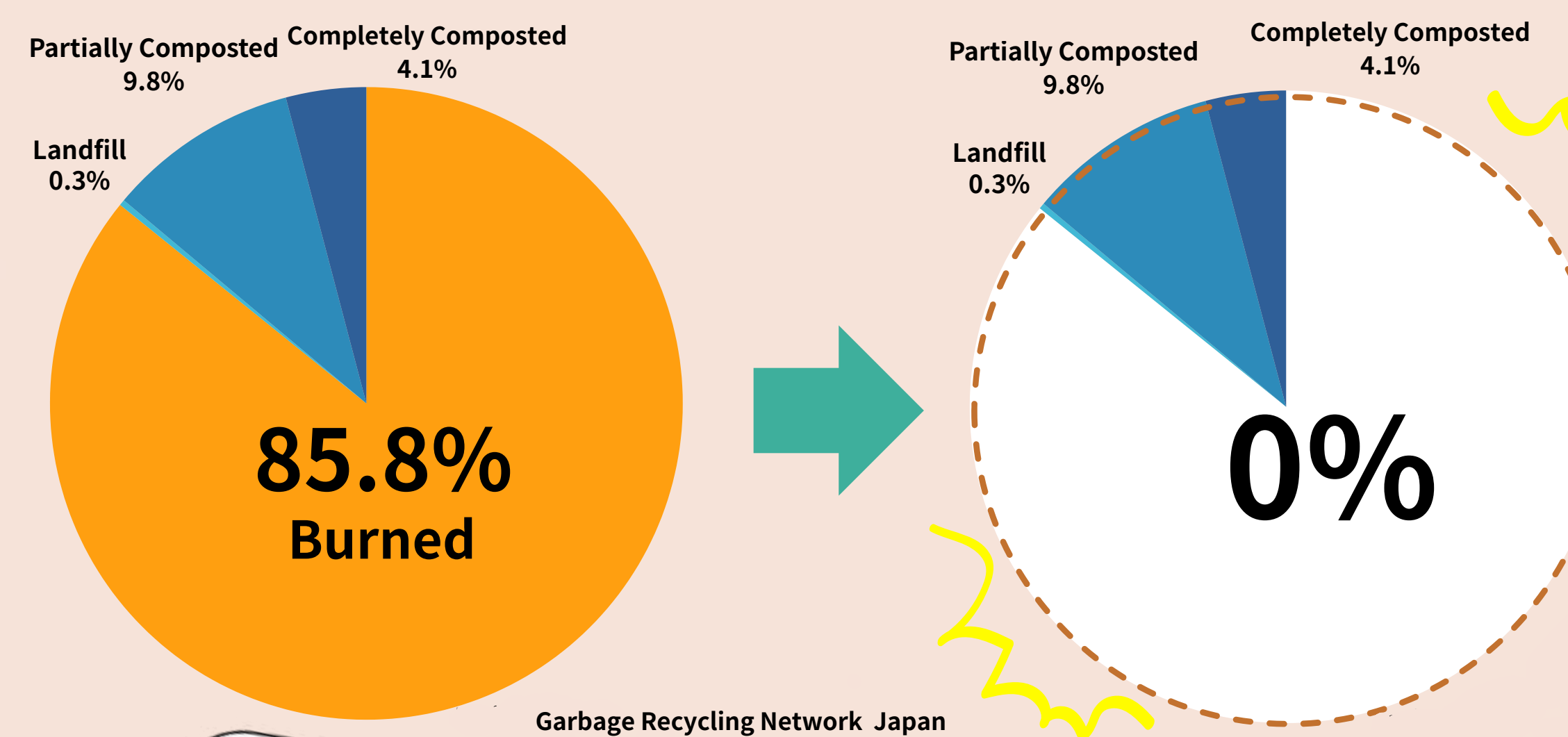
Date	11/22 (Wed)	11/23 (Thu)	11/24 (Fri)	11/25 (Sat)	11/26 (Sun)	11/27 (Mon)	11/28 (Tue)	Average
Mr.I	204g	138g	412g	290g	252g	309g	371g	282g
Ms.T	247g	200g	109g	152g	143g	102g	136g	156g
Ms.K	84g	35g	18g	24g	110g	40g	90g	57g

Our Average: 165g
Ikoma's Average: 210g
Kyoto's Average: 288g

The Proportion of Organic Waste



The Disposal Method of Organic Waste



2. How Easy Composting Is



3. Time It Takes to Decompose



The organic waste disappears but the amount of soil is the same

4. Downside

[Unable to Decompose]



5. Fake News

STINKS **FLIES**



Cover with dry soil!!
That's it!!
NO PROBLEM!

6. Collaborating with Local Government

"Quiello" Ikoma City Original Compost

- Citizens can get it for only 500 yen
- They can be used at a balcony
- It has a lid so no need to worry about rain

HOWEVER

The number of monitors

	Portable	Embedded	Total
2020	66	9	75
2021	41	13	54
2022	83	19	100

ONLY!!

We need more composting fellows!

Two Types of Quiello



Portable type

Embedded type



Interviewing about "Quiello" in City Hall

7. Ongoing Project

Exhibiting "Quiello" at Our School



Holding workshops to promote Compost

コンポスト

いのちの輝きを未来に伝えるゼミ チーム MMZ

コンポストとは?
家庭から出る生ゴミなどの有機物を微生物などの働きを活用して発酵・分解させるもの

キエーロについて
キエーロとは、神奈川県山梨市のキエーロ農山さんが考案した生ゴミ処理機です
現在、生物市では生物市とボランティアが協働してキエーロを普及させています

コンポストのメリット

- 生ゴミの焼却が減る
- 二酸化炭素の排出量が削減
- 栄養豊富な堆肥を自作することができる
- 生ゴミを捨てる時に使うビニール袋が必要ない
- ビニール、プラスチックの削減

キエーロ講習会 1/22(月) 16:00~ 中庭
キエーロに興味のある方、コンポストについて知りたい方はお気軽にお越しください

Poster Shown At Our School

References :
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