Improving the Supply Chain and Food Quality of Professionally Prepared Meals

An increasing share of the daily meals served in Europe is prepared out-of-home by professionals in foodservice. The quality of such meals is highly debated. This paper presents and discusses obstacles to improving quality in a cost-effective way and suggests solutions: 1) Modularisation of the meal production in order to transfer labour-intensive operations from the kitchens to the industry; 2) Systemic use of a new concept: thawing during distribution, which improves shelf-life and reduces waste; 3) Supply chain modelling to improve delivery schedules and reduce environmental impact. Existing food legislation complies with the suggested approaches.

General information
State: Published
Organisations: National Food Institute, Division of Industrial Food Research, Technische Universität München
Contributors: Adler-Nissen, J., Akkerman, R., Frosch, S., Grunow, M., Løje, H., Risum, J., Wang, Y., Johansson, G. Ø.
Pages: 74-79
Publication date: 2013
Peer-reviewed: Yes

Publication information
Journal: Trends in Food Science & Technology
Volume: 29
Issue number: 1
ISSN (Print): 0924-2244
Ratings:
BFI (2018): BFI-level 2
Web of Science (2018): Indexed yes
BFI (2017): BFI-level 2
Scopus rating (2017): CiteScore 6.67 SJR 2.344 SNIP 2.444
Web of Science (2017): Impact factor 6.609
Web of Science (2017): Indexed yes
BFI (2016): BFI-level 2
Scopus rating (2016): CiteScore 6 SJR 2.357 SNIP 2.775
Web of Science (2016): Impact factor 5.191
BFI (2015): BFI-level 2
Scopus rating (2015): CiteScore 5.51 SJR 2.232 SNIP 2.626
Web of Science (2015): Impact factor 5.15
Web of Science (2015): Indexed yes
BFI (2014): BFI-level 2
Scopus rating (2014): CiteScore 5.17 SJR 2.173 SNIP 2.767
Web of Science (2014): Impact factor 4.651
BFI (2013): BFI-level 2
Scopus rating (2013): CiteScore 4.83 SJR 2.216 SNIP 2.653
Web of Science (2013): Impact factor 4.651
ISI indexed (2013): ISI indexed yes
Web of Science (2013): Indexed yes
BFI (2012): BFI-level 2
Scopus rating (2012): CiteScore 3.91 SJR 2.048 SNIP 2.417
Web of Science (2012): Impact factor 4.135
ISI indexed (2012): ISI indexed yes
Web of Science (2012): Indexed yes
BFI (2011): BFI-level 2
Scopus rating (2011): CiteScore 3.81 SJR 1.897 SNIP 2.675
Web of Science (2011): Impact factor 3.672
ISI indexed (2011): ISI indexed yes
Web of Science (2011): Indexed yes
BFI (2010): BFI-level 2
Scopus rating (2010): SJR 1.763 SNIP 2.508