

Reporting 3.0

How we started and there we are ?

Andres Kukke

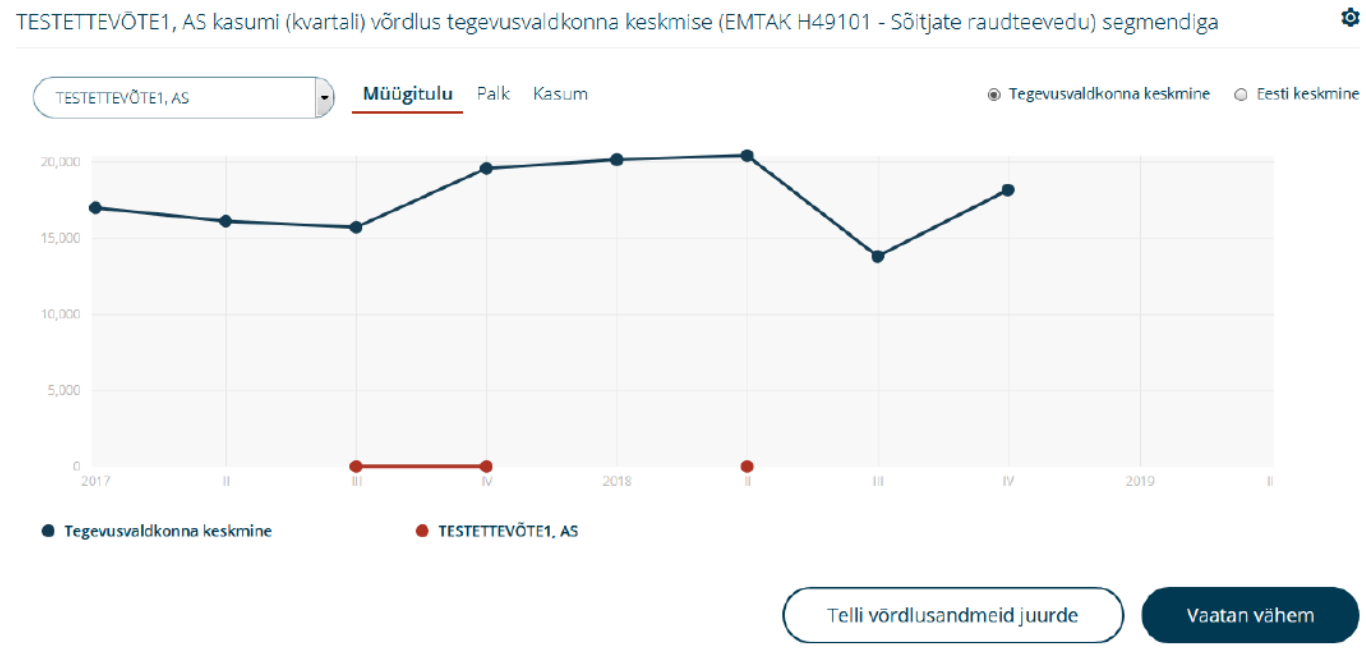
Deputy Director General of Statistics Estonia in the field of technology and data science

Reporting 3.0 (government view)

Project Reporting 3.0, which derives from the zero-bureaucracy initiative, is cooperation with business software developers and entrepreneurs to work out a solution for the movement of data from the respondents' accounts to government users

Reporting 3.0 (business view)

- Data is easy send to government vs. login in into different portals and filling out forms
- National classifications are in use centrally
- The same data can be used by different parties in the country
- Time savings (administrative burden is reduced (currently 300,000 hours per year))
- More detailed and timely information back (ex. comparisons with focus group)

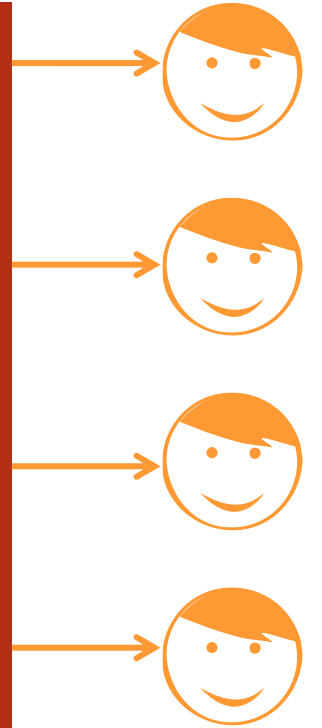
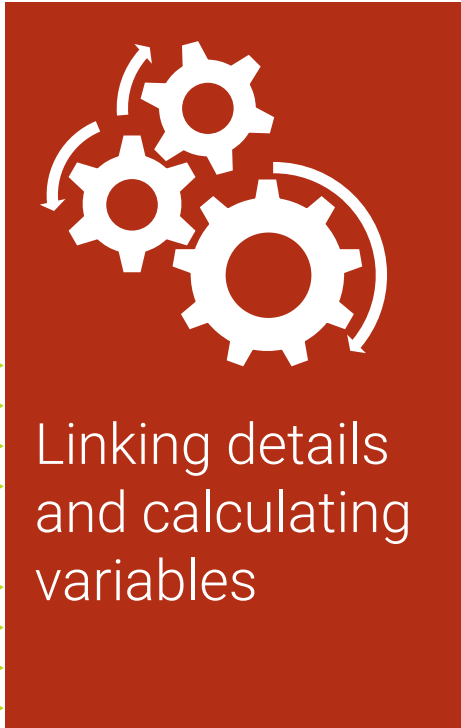
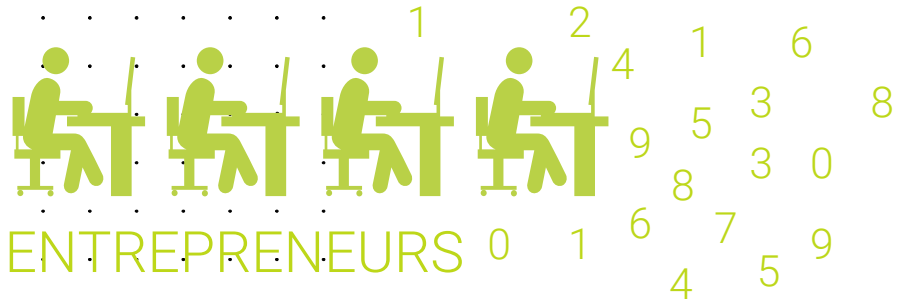


Front view

Data sources

Statisticians

Consumers



~~eSTAT submission of data, paper report~~

In summary - what will change?

- The data required by the state can be sent directly from the ERP software at once (in the same file together with labor taxes, e-invoicing, foreign trade, etc.),
- When changing laws (assuming that no new data is needed), entrepreneurs do not have to make changes to the business software themselves, the state makes these changes in the calculations itself.
- The intermediate results themselves do not need to be aggregated, data transmission is sufficient, public authorities (s.hg Statistics Estonia) compiles and fills in various questionnaires (they do not need to be approved either)
- The state itself proposes a common standard that is needed in economic software for data to be exchanged with the state. To this end, the state works together to reconcile different needs. As an example of a product / service classification by four classifiers with different content
 - CN (Combined Nomenclature (EU own)),
 - BEC (Broad Economic Categories (UN)
 - SITC (Standard International Trade Classification (UN) own)
 - EBOPS (Extended Balance of Payment Services (OECD)
 - ... Now one and a common KTTY

The present situation

Where are we now?

AA 3.0 Stage 1 - Wages and salaries

- Parties Statistics Estonia (currently the project carrier), Eesti Pank, EAMT
- Possibility to fill in automatically:
 - SA monthly report “**Wages and salaries**”(Questionnaire code 14622020, deadline of the report on the 18th day of the month, in the sample 7221 companies) and other salary-related reports
 - Tax Office can be partially filled tax forms (currently under development)

A. PALK JA TÖÖJÕUD

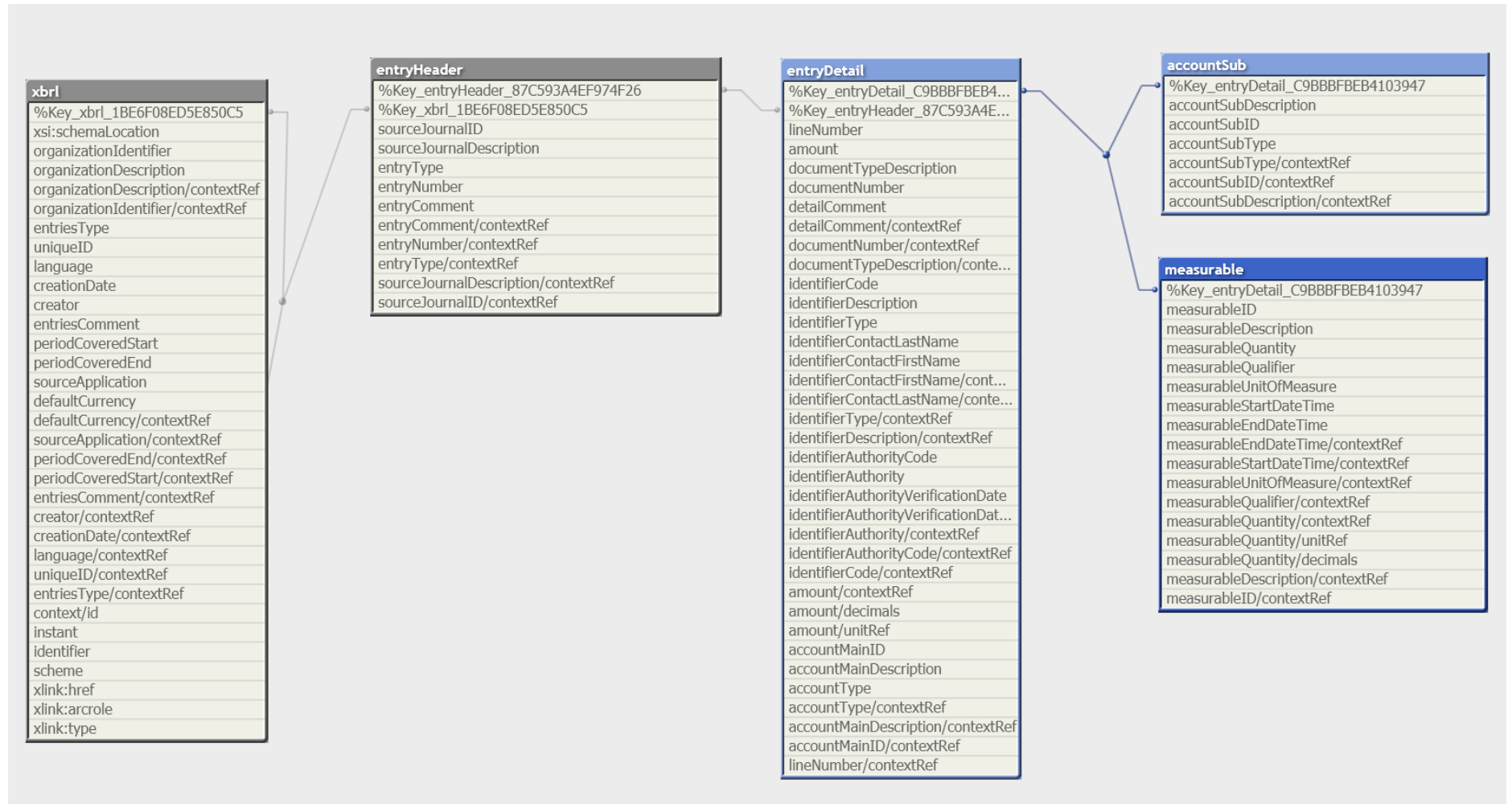
Palun kõik palgaliigid kirjeldada ühekordselt, s.t et ükski palgaliik ei sisaldu teises. Brutopalka saamiseks palgaliigid summeeritakse (read 5 kuni 11).

		Kokku	Täistööajaga töötajad	Osalise tööajaga töötajad
		1	2	3
1. TÖÖJÕUD JA TÖÖTATUD TUNNID				
Töötajate arv aruandekuul, kes on tasu teeninud (puudumisel sisestage 0)	1			
Täistööajale taandatud keskmine töötajate arv (kahe kümnendkohaga)	2			
Töötatud tundide arv (tuhandetes tundides kahe kümnendkohaga)	3			
Vabade tasustatud ametikohtade arv aruandekuul lõpul, s.o vastloodud, vaba või vabaks saav ametikoht, mille puhul kavatakse tööandja ametikoha täita (puudumisel sisestage 0).	4		x	
2. TÖÖJÕUKULUD				
2.1 BRUTOPALK, euro	x			
Põhitöötasu koos igakuise regulaarse lisatasu ja preemiaga	x1			
Tasu ületunnitöö eest	5			
Lisatasu öötöö ja riigipühäl töötamise eest	6			
Ebaregulaarsed lisatasud ja preemiad	7			
Tasu mittetöötatud aja eest (nt tasu puhkuse või tööalasel koolitusel viibitud aja eest jms)	8			
Mitterahaline tasu (nt kaudsed toetused töötajale; tasu toote või teenusena; sõidu, eluasemekulude kompenseerimine jms)	9			
Tööandja maksed töötajate hoiuskeemidesse	10			
2.2 SOTSIAALMAKS KOOS TOETUSTE JA HÜVITISTEGA, euro	11			
Sotsiaalmaks	x2			
	12			

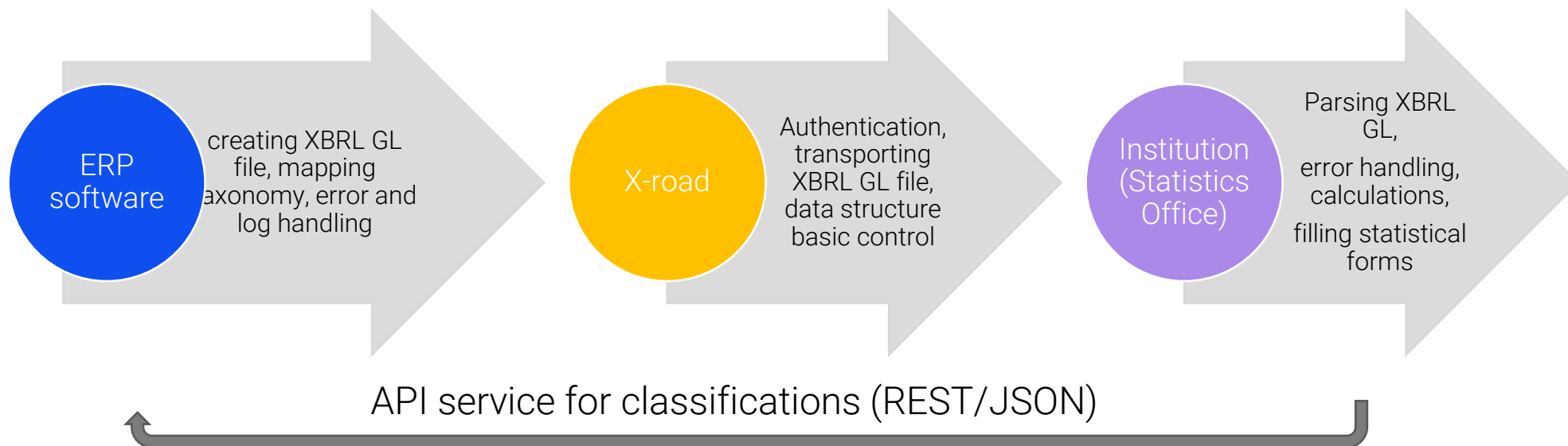
Data collection of the wage and labor cost report

1. Agency reg. code	
2. Reporting period the beginning	
3. Reporting period end	
4. Identity number or non-resident code	
5. Date of birth	
6. First name	
7. Last name	
8. Labor costs sum	
9. Types of labor costs	X
10. Working hours	
11. Amount	
12. Taxable types of payments	X
13. Declared sums species	X
14. Certificate A1 (E101) issued by Country	X
15. Type of employment	X
16. Working location Country	X
17. Working hours rate	
18. Month standard hours	
19. Place of employment	X
20. Title	X
21. Working registry entry ID	
22. Working suspension ID	
23. Payout maker	
24. Agreement comment	
25. Work note from the person authorizing it	
26. Entry type	X
27. Working stopping and termination	
28. Other information	
29. Economic content	
30. (Initial)date	
31. End date	
32. Specification of the date	

XBRL GL data model



Architecture



AA 3.0 schedule

- Stage 1 - Wages and labor Q2 2019
- Stage 2 - Business **months** questionnaires
 - MODULE: FOREIGN TRADE AND INDUSTRY (integrated, including goods and services) services) Q3 2020
 - MODULE: RETAIL TRADE Q4 2020
- Stage 3 - Business **quarterly** questionnaires:
 - ENTERPRISES ECONOMIC INDICATORS Q4 2020
- Stage 4 - Business **annual** questionnaires:
 - ENTERPRISES ECONOMIC INDICATORS Q4 2020
- Stage 5 - Business **special** questionnaires:
 - MODULE: PM and ENVIRONMENT Q1 2021
 - MODULE: ENERGY (incl. FUEL) and TRANSPORT Q1 2021
- Stage 6 - Assets / liabilities development of taxonomy Q4 2021
- Stage 7 - Accommodation data Q1 2022

Thank you!

Questions ?

Andres Kukke

Deputy Director General of Statistics Estonia in the field of technology and data science

Andres.kukke@stat.ee

ESTONIAN STATISTICS

www.stat.ee

Tatari 51, 10134 Tallinn