Since the ISA determines how many cycles are needed to execute a given instruction and depending on that determines the power consumption of the computation. From recent developments we can see how computers get smaller and cheaper by the effect of instruction set architecture design.

ISA will evolve in paralel instruction computing since the predication develops performans and decreases power consumption. For parallel execution many registers and many function units will be needed. Predication will enable more effective use of parallel hardware and remove the branches which constructed by constituted by constitute